

## TIA-5050 Receive Volume Control Measurements

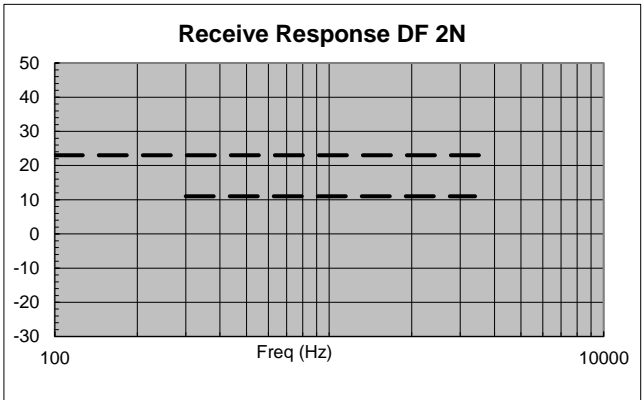
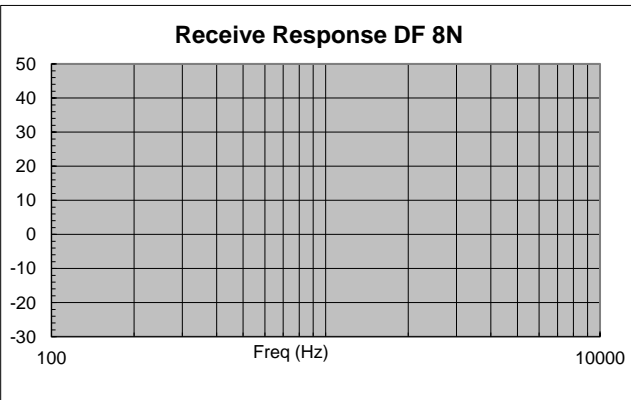
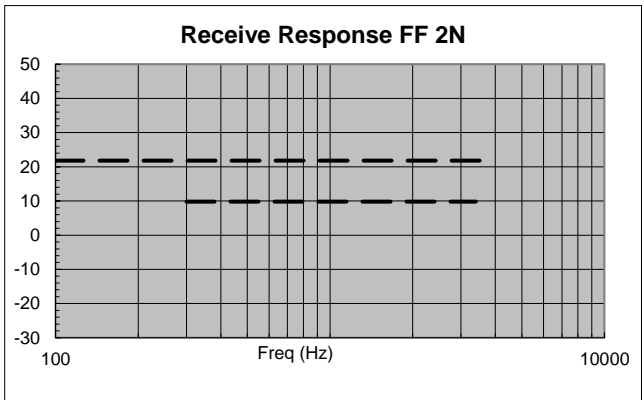
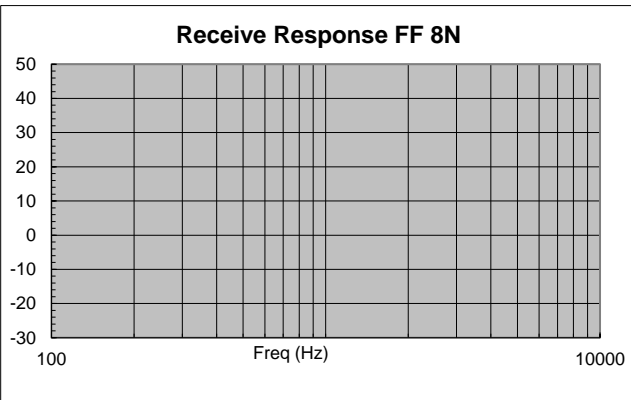
<b>Device Under Test:</b>	20230927_GSM850_ANT E_ch190_HRV1_2N
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<b>Bandwidth</b>	Narrowband
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<b>Test Date:</b>	2023-9-27
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	87.71 dB	info only		
	Recv conversational gain 2N	17.71 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

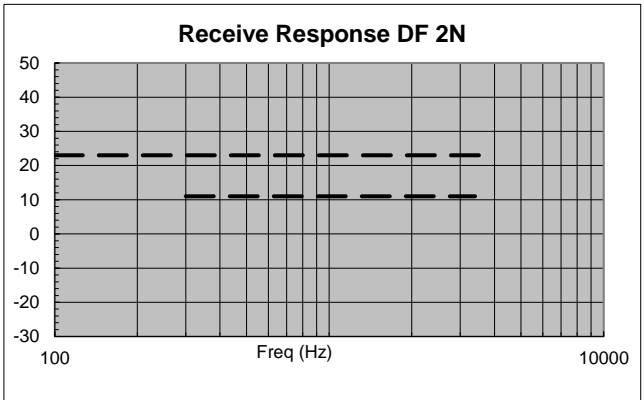
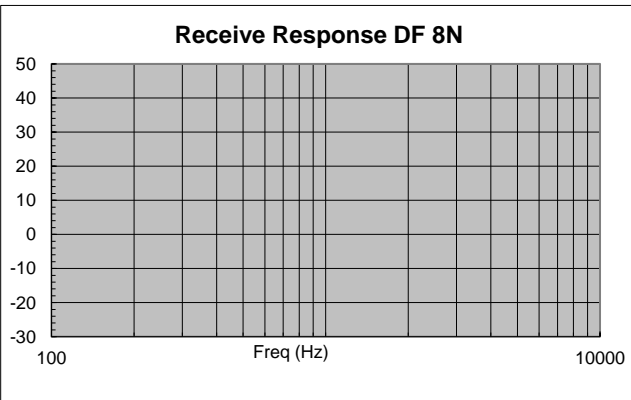
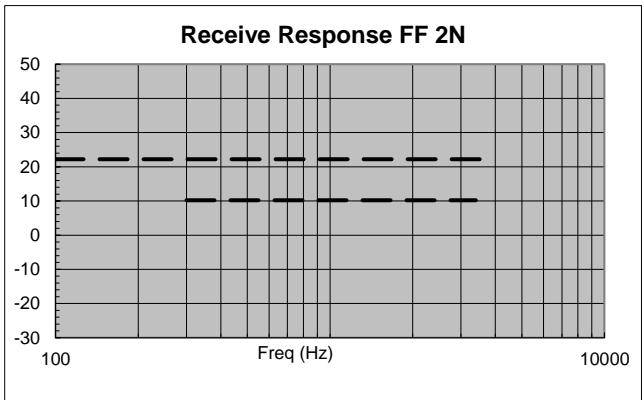
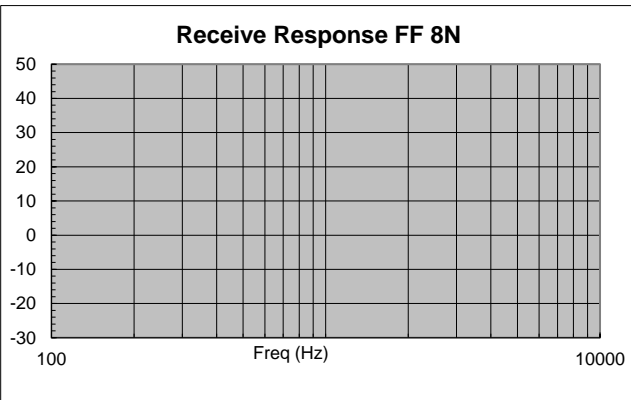
<b>Device Under Test:</b>	20230927_GSM 1900_ch661_HRV1_2N
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<b>Bandwidth</b>	Narrowband
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<b>Test Date:</b>	2023-09-27
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	87.78 dB	info only		
	Recv conversational gain 2N	17.78 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

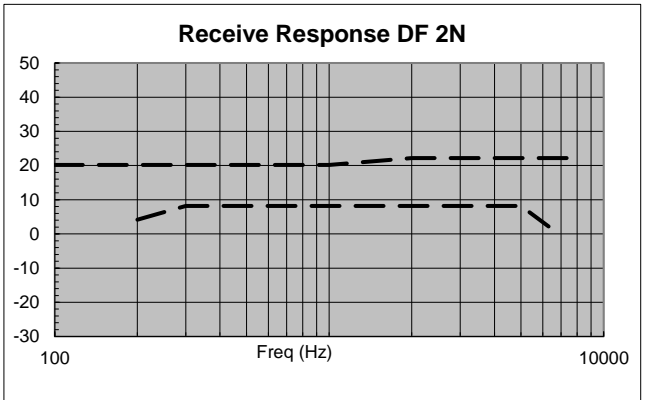
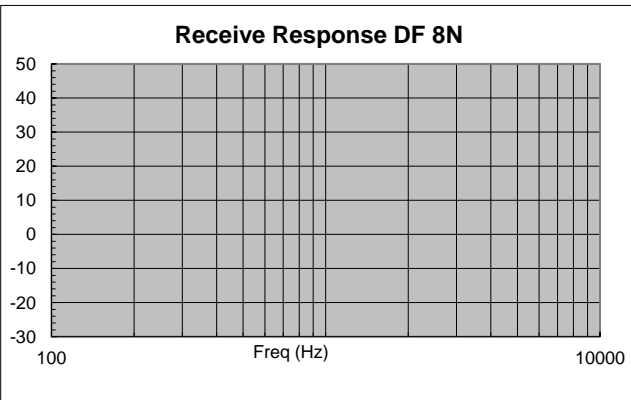
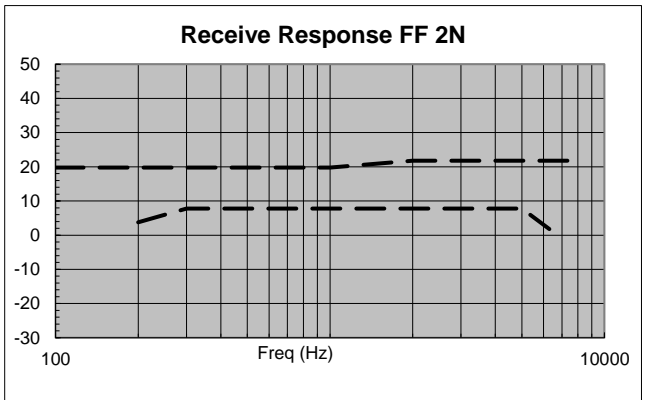
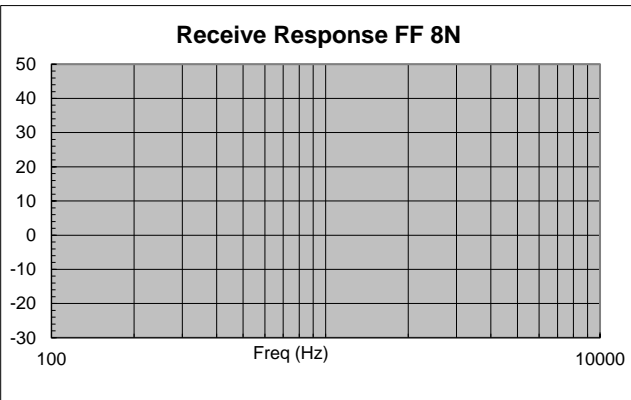
<b>Device Under Test:</b>	20231004_WCDMA II ANT.A_ch9400_AMR-WB 6.6 kbps_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-04
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	85.21 dB	info only		
	Recv conversational gain 2N	15.21 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

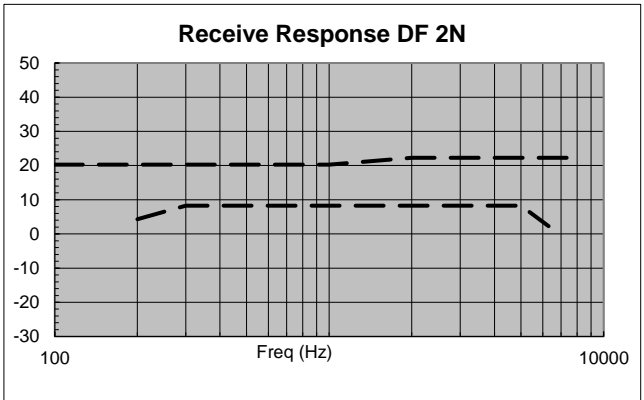
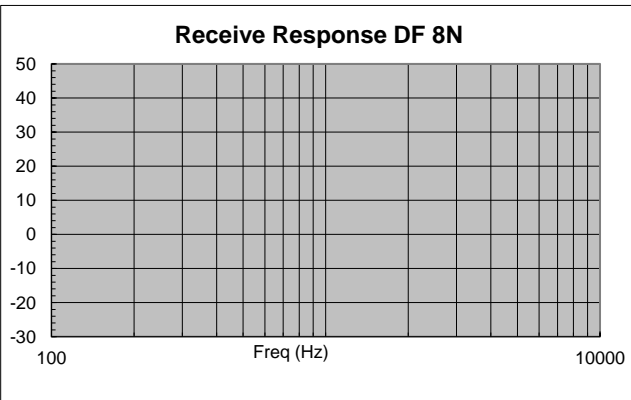
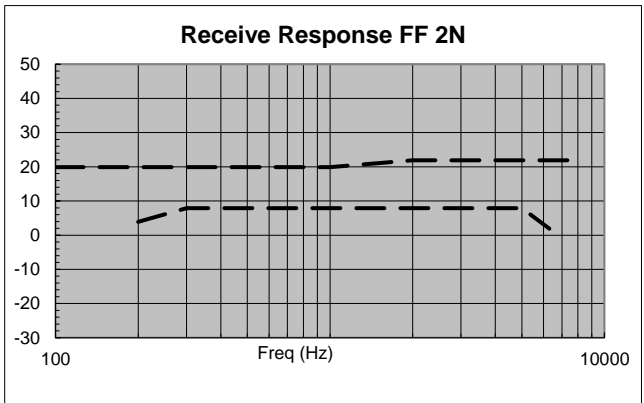
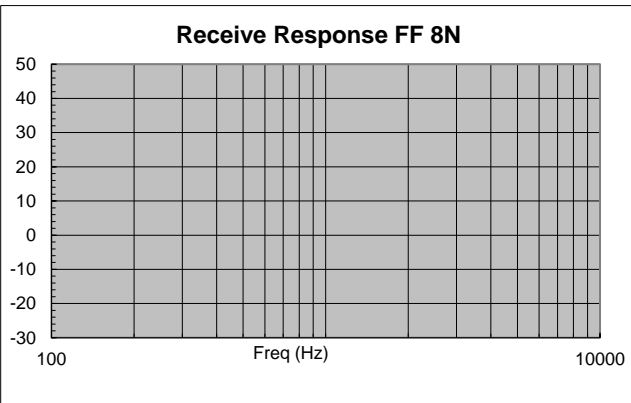
<b>Device Under Test:</b>	20231004_WCDMA IV ANT.A_ch1413_AMR-WB 6.6 kbps_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-04
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	85.1 dB	info only		
	Recv conversational gain 2N	15.1 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

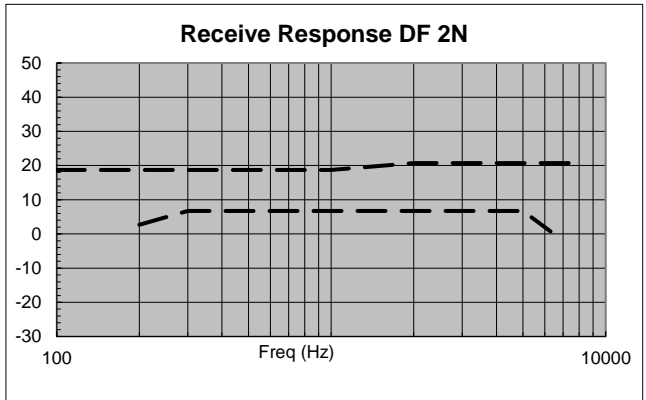
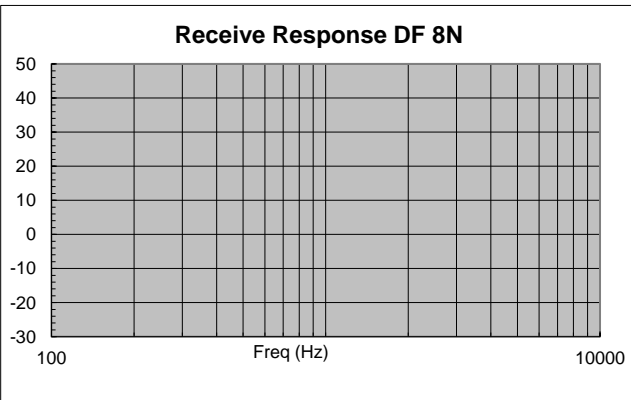
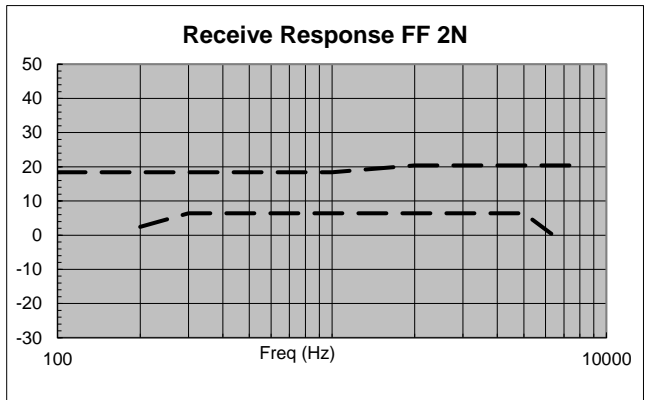
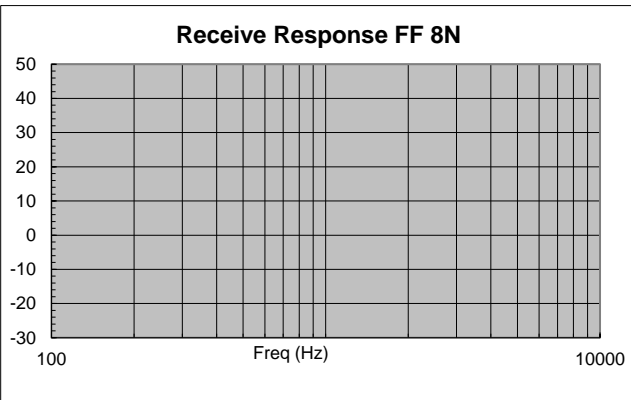
<b>Device Under Test:</b>	20230927_WCDMA V ANT E_ch4183_AMR-WB 6.6 kbps_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-09-27
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	84.53 dB	info only		
	Recv conversational gain 2N	14.53 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

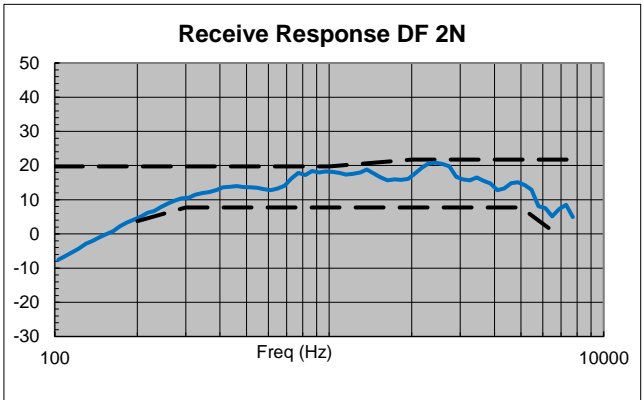
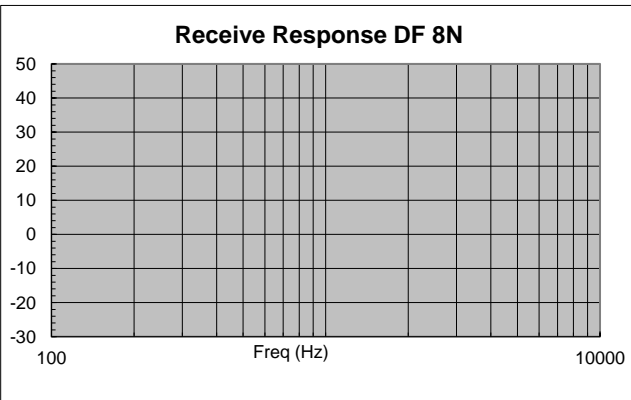
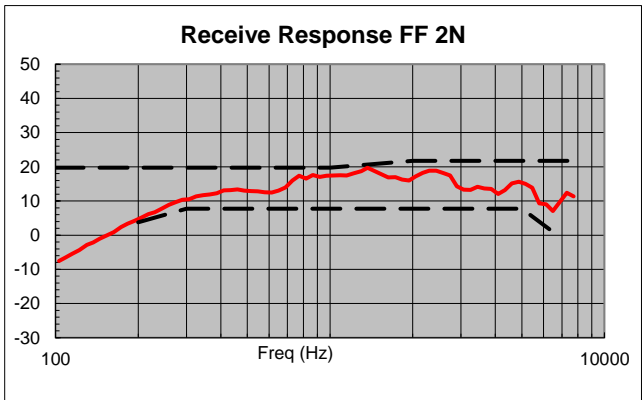
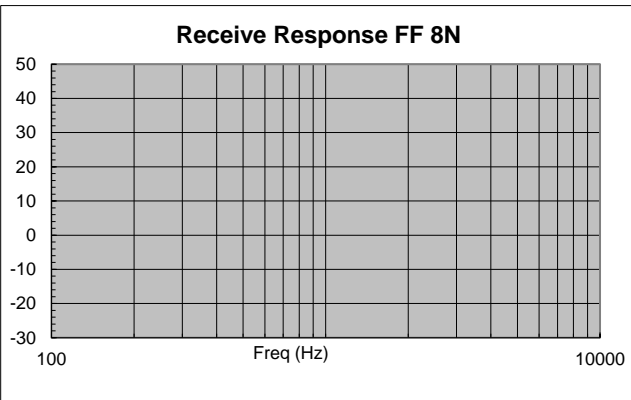
<b>Device Under Test:</b>	20231006_LTE 7 Ant.B_ch.21100_20MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-06
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	0.94 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.9 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.06 dB	info only		
	Recv conversational gain 2N	15.06 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	4.61 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

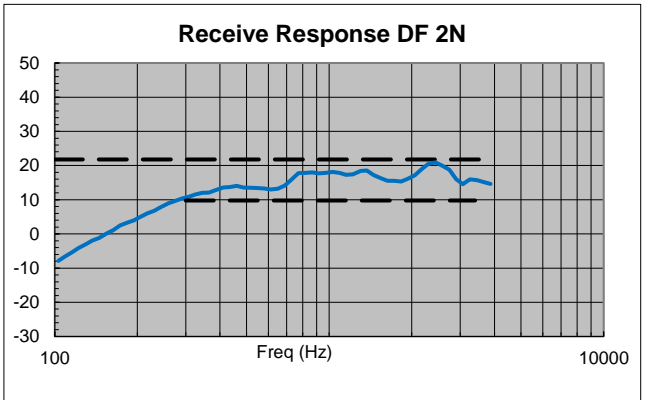
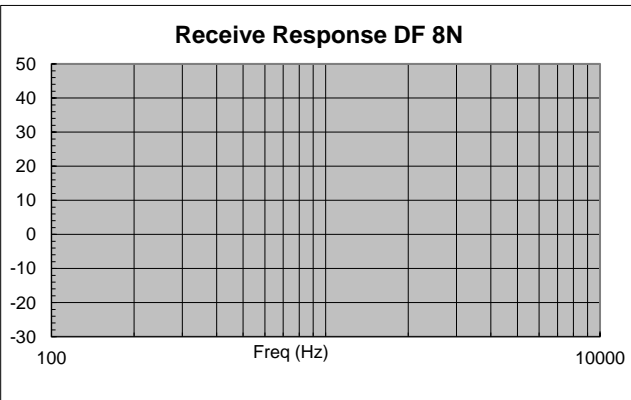
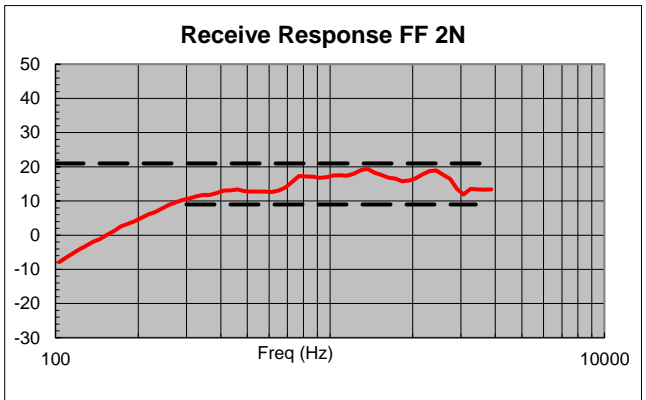
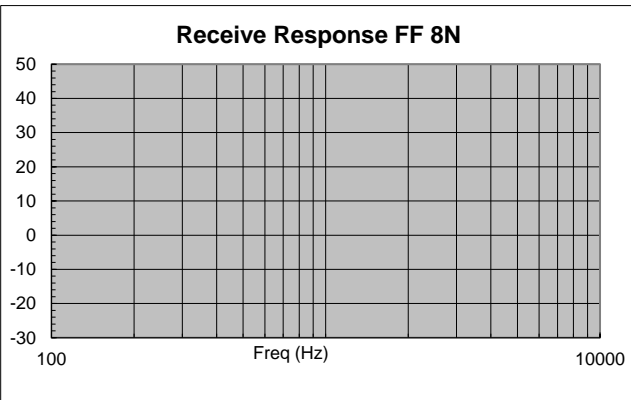
<b>Device Under Test:</b>	20231006_LTE 12 Ant.A_ch.23095_10MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth</b>	Narrowband
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<b>Test Date:</b>	2023-10-06
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.58 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.85 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	84.94 dB	info only		
	Recv conversational gain 2N	14.94 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	4.09 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

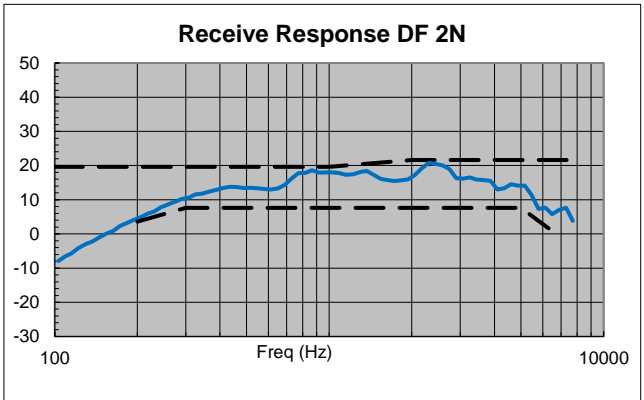
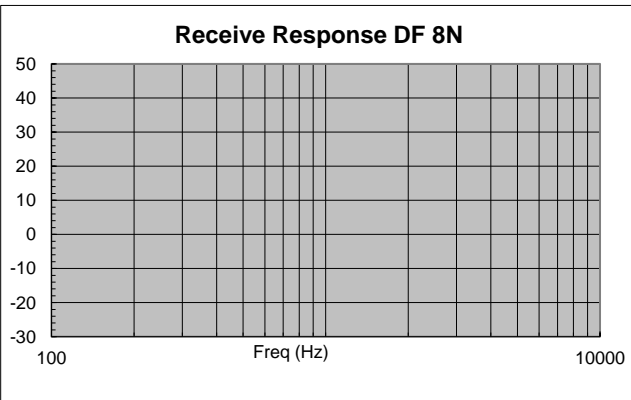
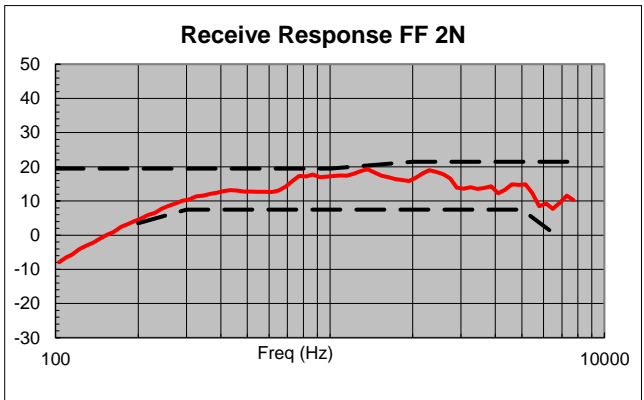
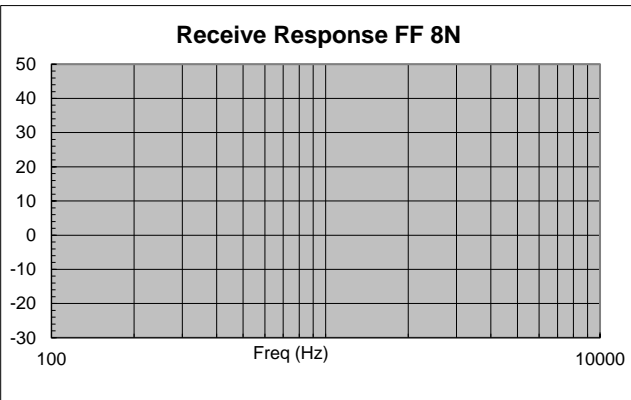
<b>Device Under Test:</b>	20231006_LTE 13 Ant.A_ch.23230_10MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth:</b>	Wideband
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<b>Test Date:</b>	2023-10-06
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.08 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.9 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	84.96 dB	info only		
	Recv conversational gain 2N	14.96 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	4.21 dB	Absolute Limits	PASS	



## TIA-5050 Receive Volume Control Measurements

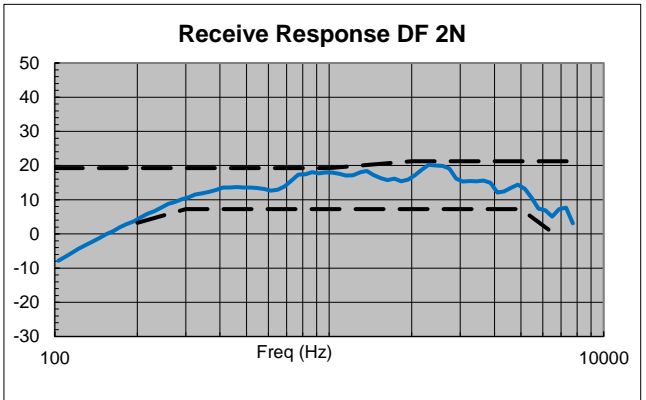
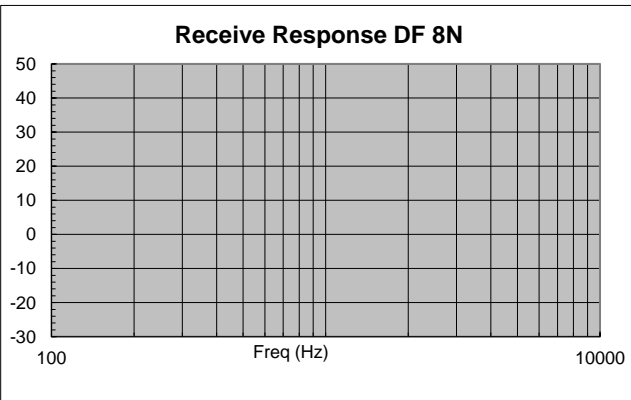
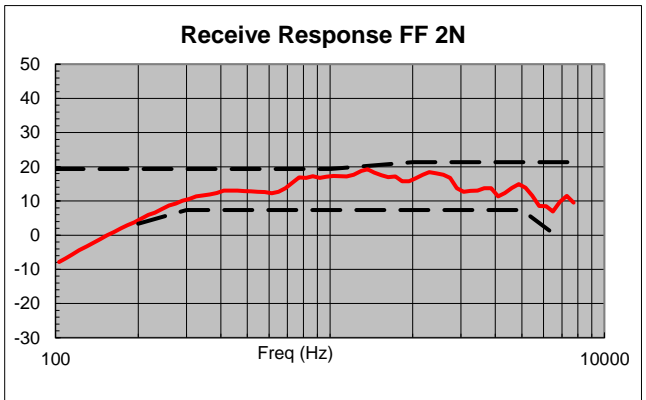
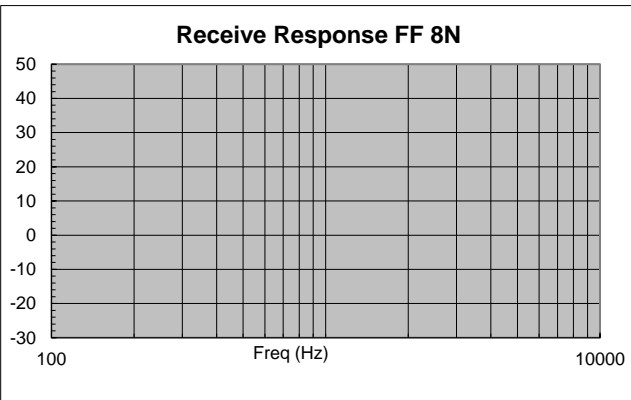
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-06
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	0.99 dB	Floating Limits	PASS	
	Recv resp DF 2N	1 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	84.84 dB	info only		
	Recv conversational gain 2N	14.84 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	2.62 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

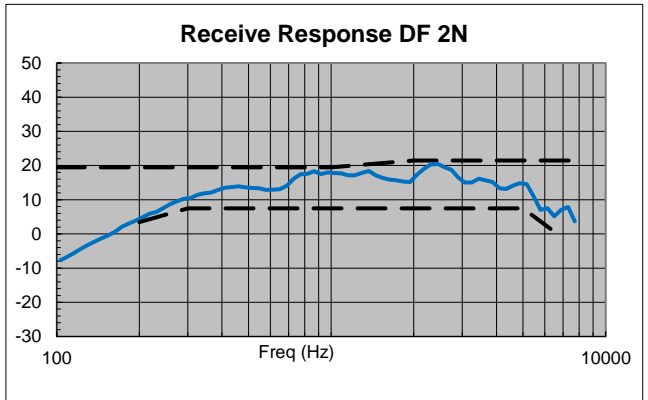
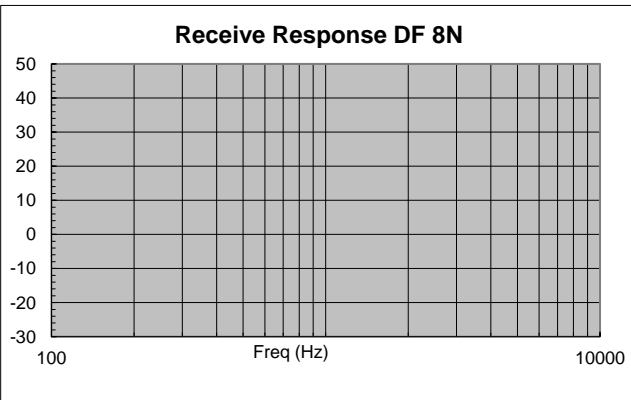
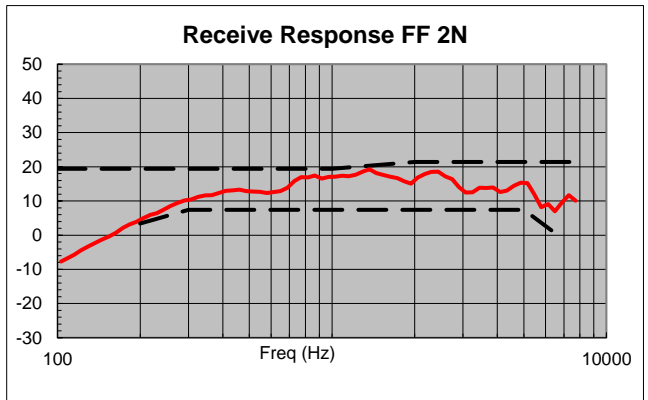
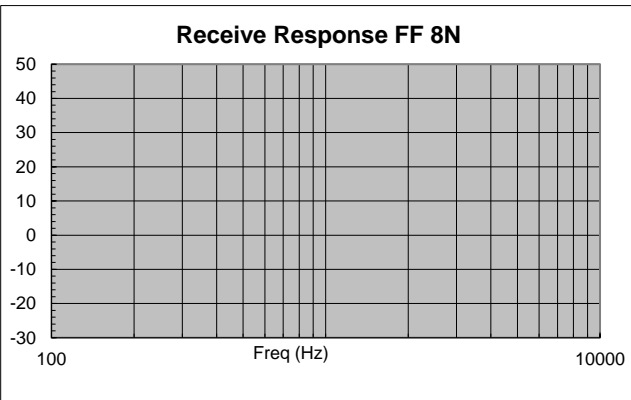
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-06
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.05 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.9 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	84.87 dB	info only		
	Recv conversational gain 2N	14.87 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	4.99 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

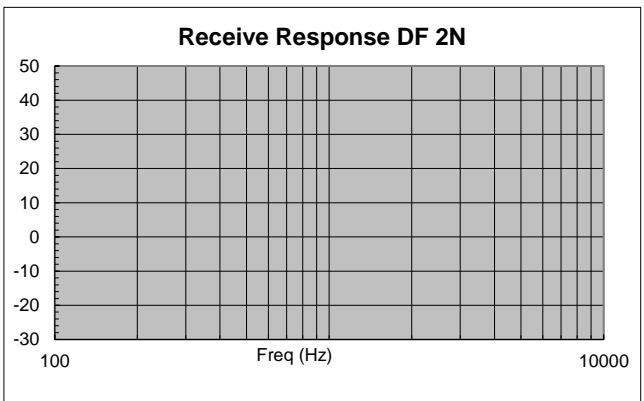
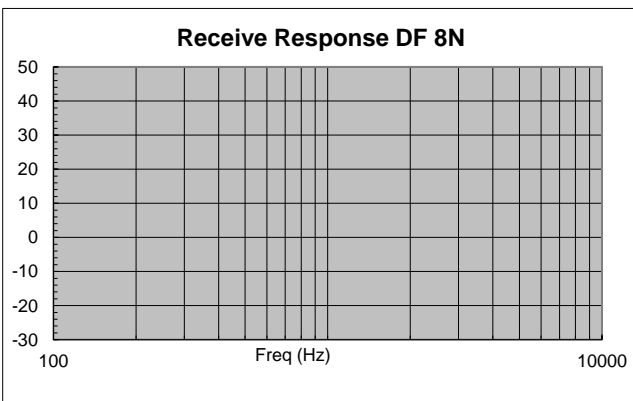
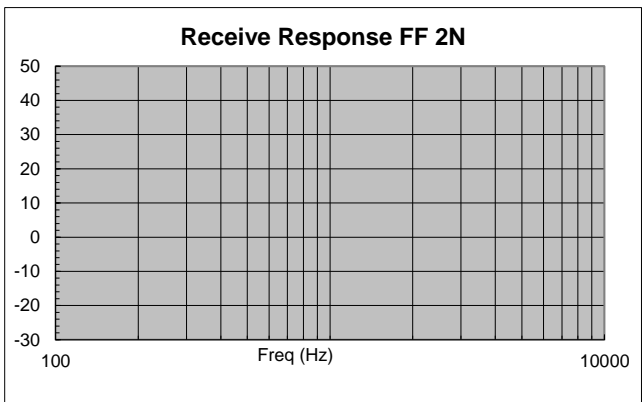
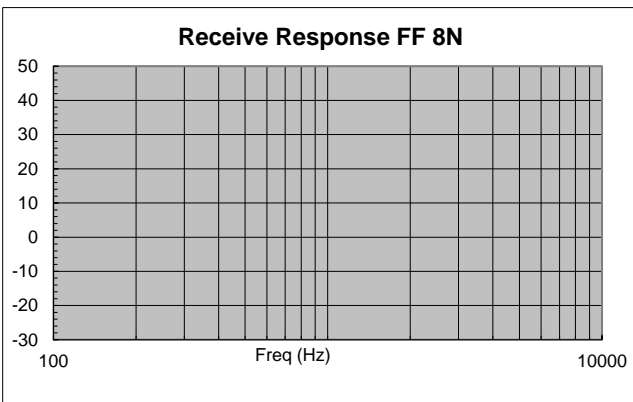
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-16
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.00 dB	info only		
	Recv conversational gain 2N	15.00 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

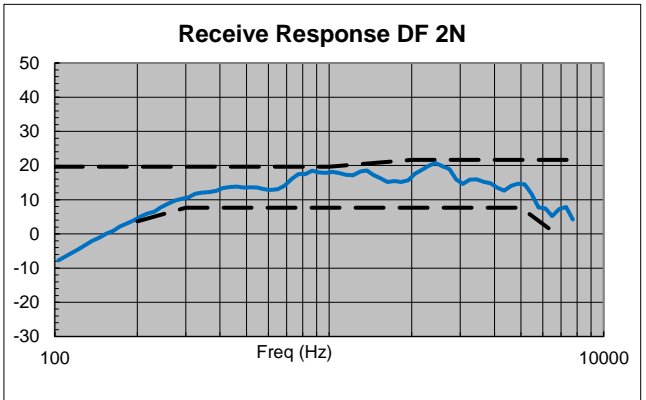
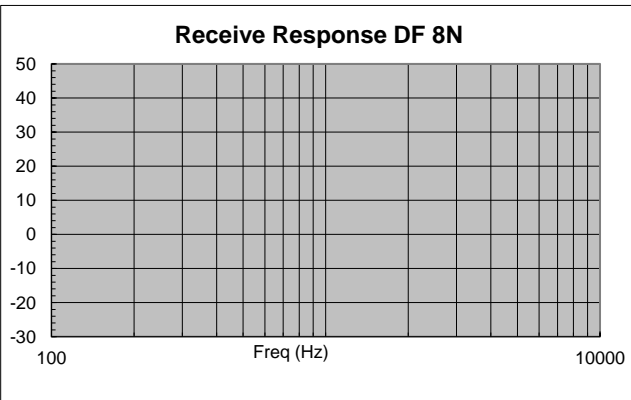
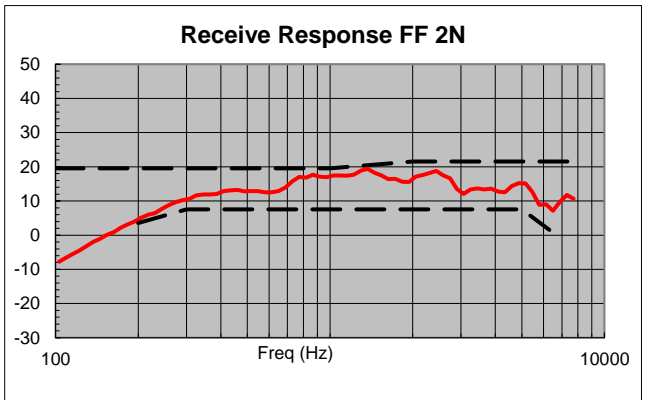
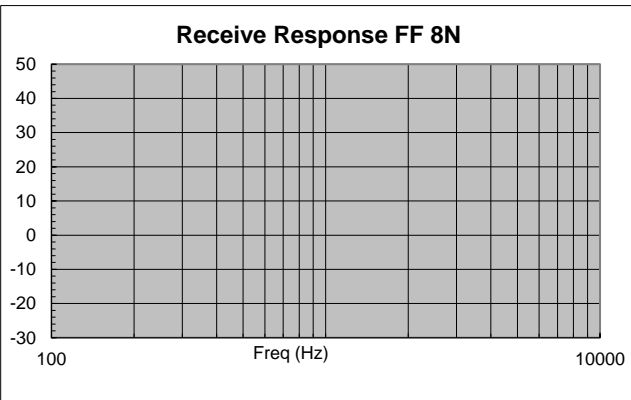
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<b>Bandwidth:</b>	Wideband
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<b>Test Date:</b>	2023-10-06
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.06 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.9 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	84.92 dB	info only		
	Recv conversational gain 2N	14.92 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	4.67 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

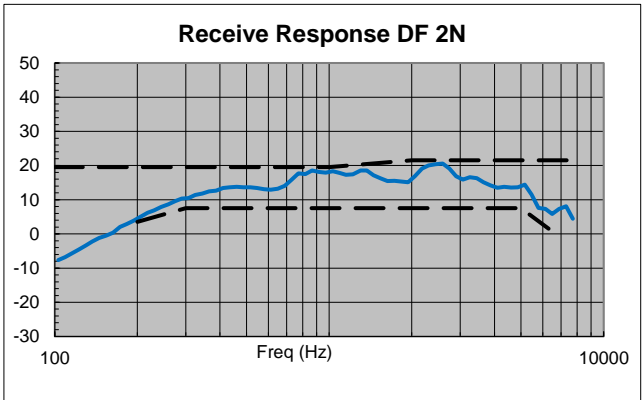
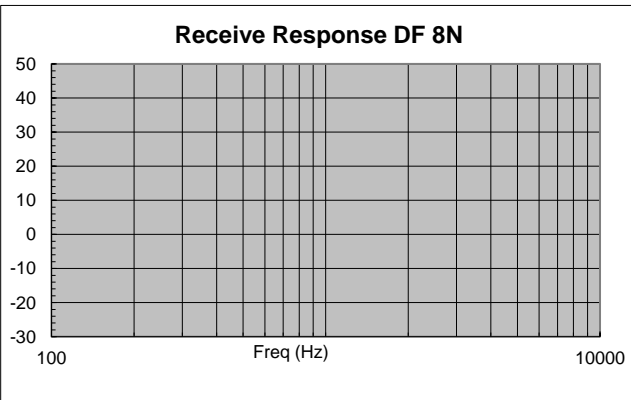
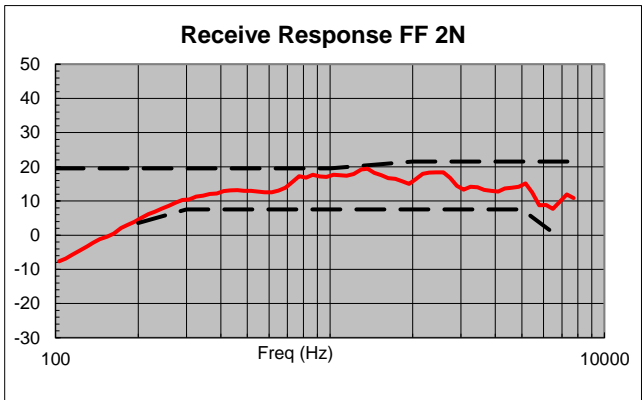
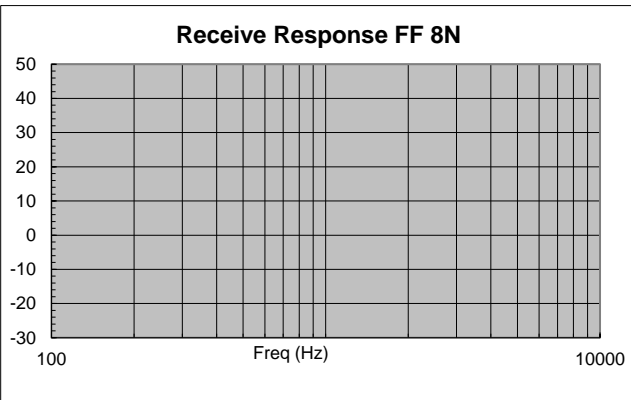
<b>Device Under Test:</b>	20231006_LTE 66 Ant.A_ch.132322_20MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-06
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.9 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	84.96 dB	info only		
	Recv conversational gain 2N	14.96 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	3.97 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

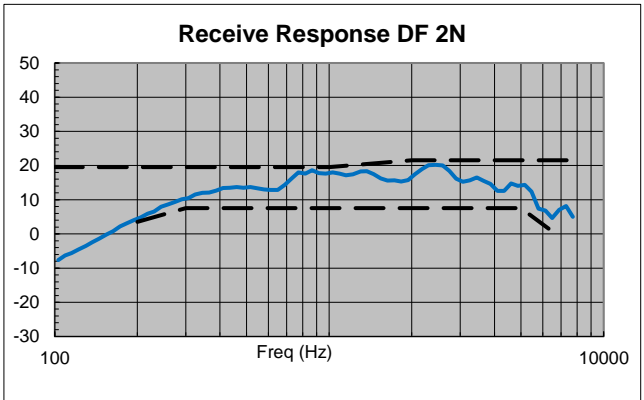
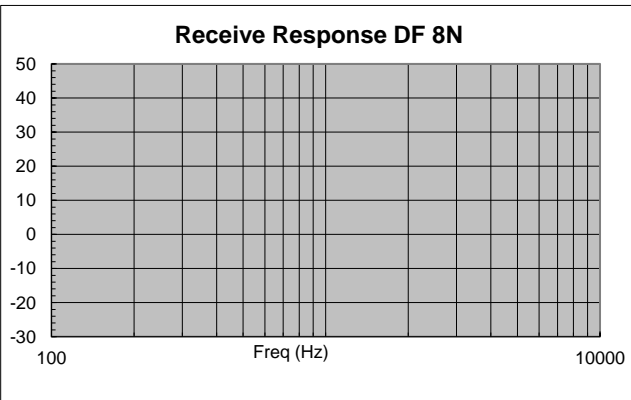
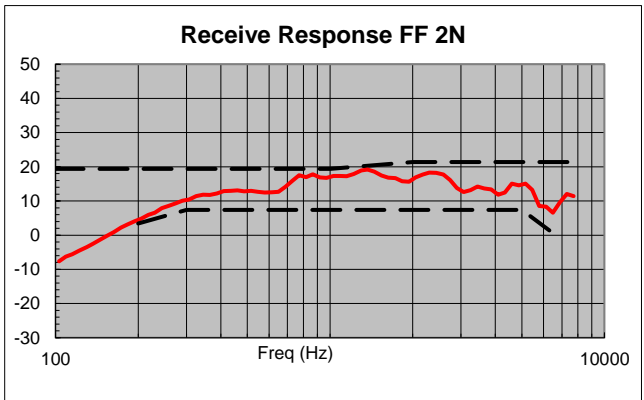
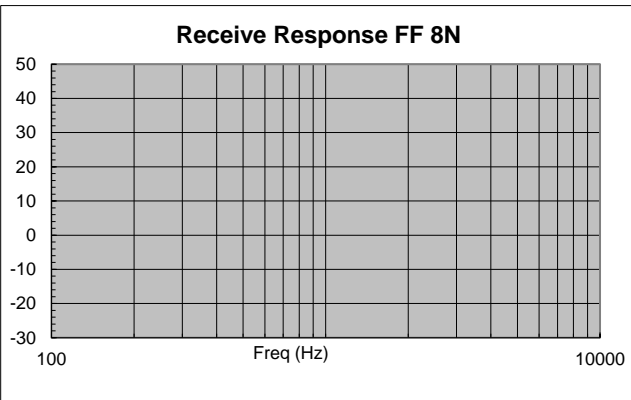
<b>Device Under Test:</b>	20231006_LTE 71 Ant.A_ch.133297_20MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-06
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.1 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.9 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	84.89 dB	info only		
	Recv conversational gain 2N	14.89 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	5.37 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

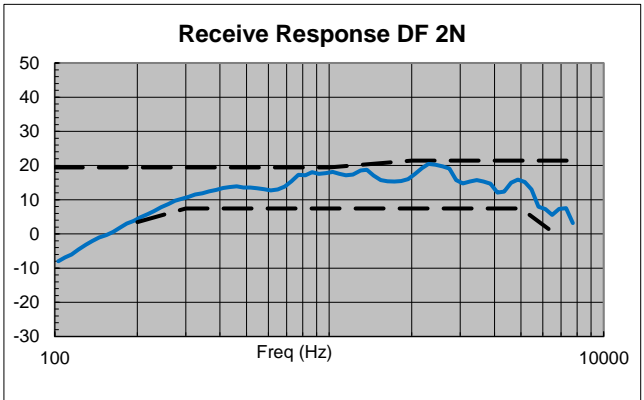
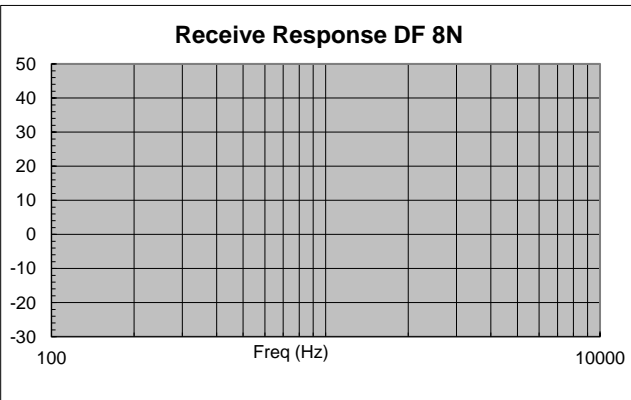
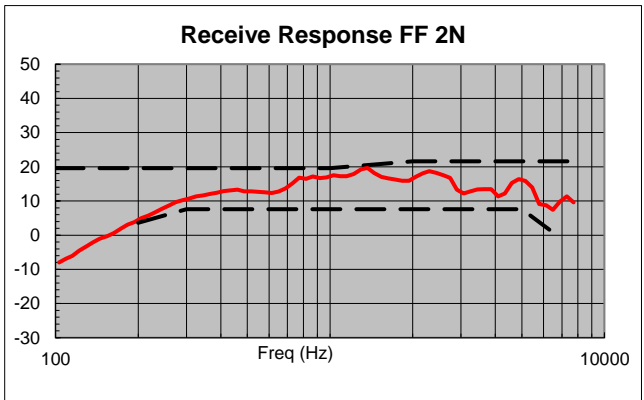
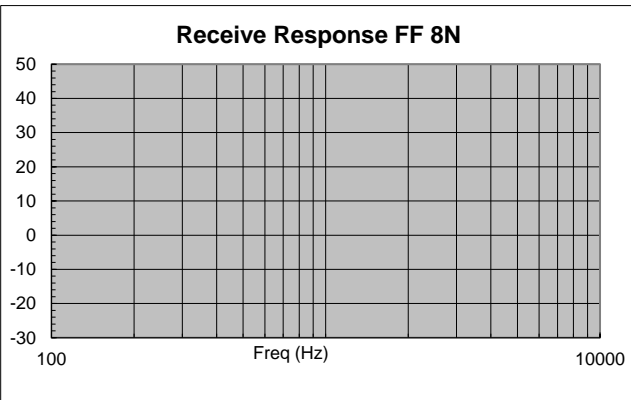
<b>Device Under Test:</b>	20231005_LTE 41 PC2 Ant.F_ch.40620_20MHz_RB1-0_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth:</b>	Wideband
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<b>Test Date:</b>	2023-10-05
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	0.84 dB	Floating Limits	PASS	
	Recv resp DF 2N	1 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	84.86 dB	info only		
	Recv conversational gain 2N	14.86 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	5.14 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

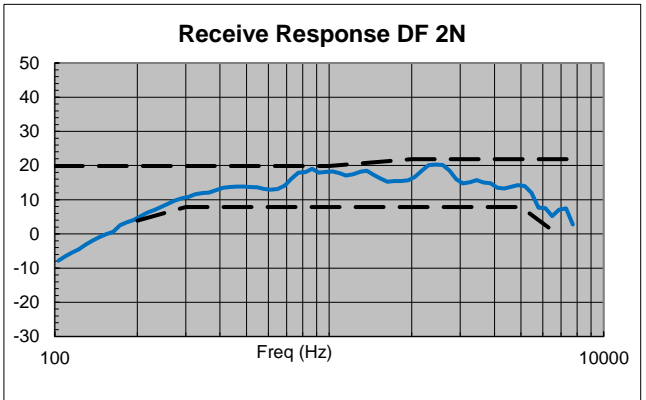
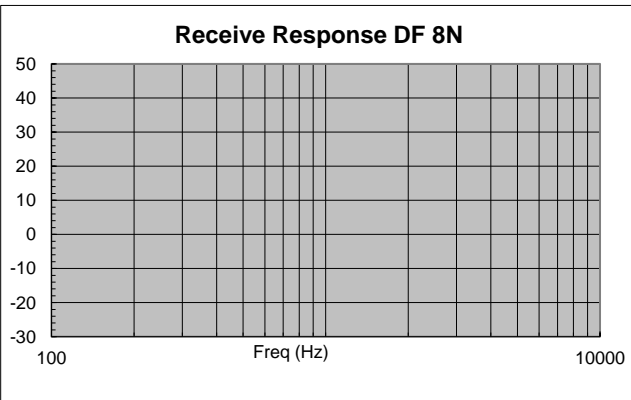
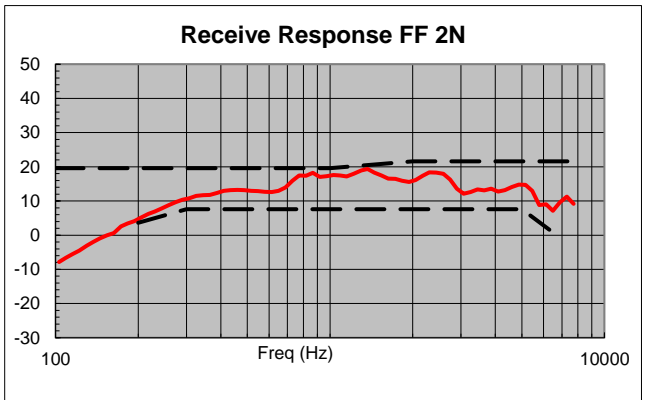
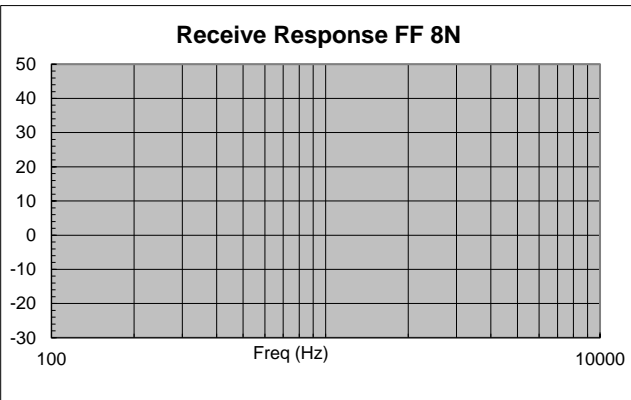
<b>Device Under Test:</b>	20231005_LTE 48 Ant.F_ch.55773_20MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-05
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.13 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.8 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	84.99 dB	info only		
	Recv conversational gain 2N	14.99 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	3.29 dB	Absolute Limits	PASS	



## TIA-5050 Receive Volume Control Measurements

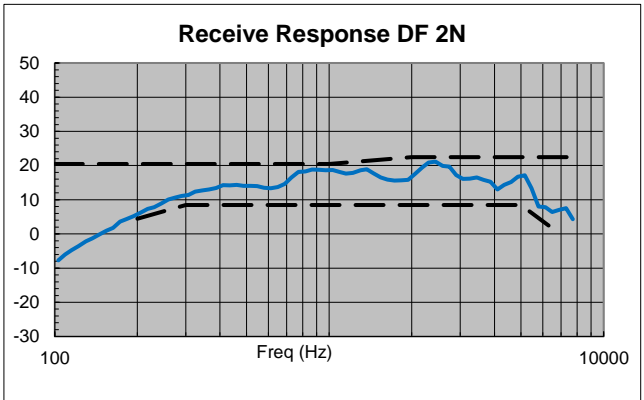
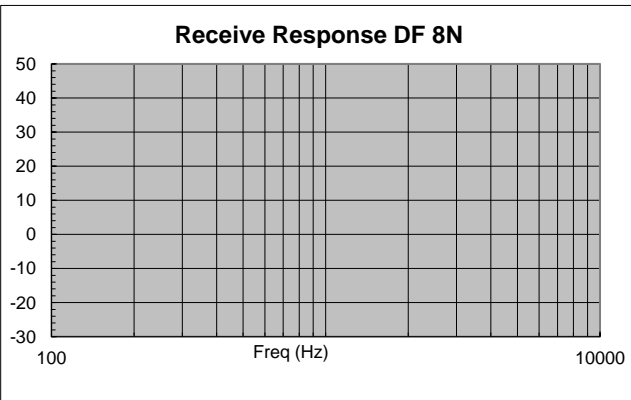
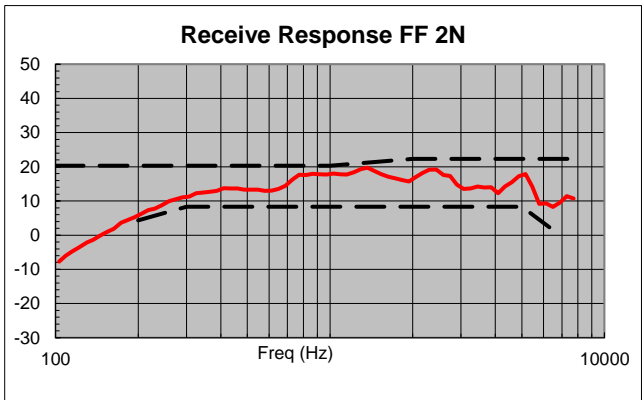
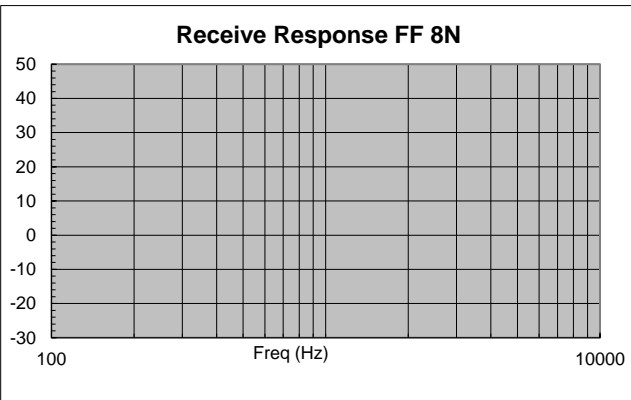
<b>Device Under Test:</b>	20231010_NR 7_Ant.F_ch.507000_40MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth:</b>	Wideband
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<b>Test Date:</b>	2023-10-10
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.49 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.3 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	85.47 dB	info only		
	Recv conversational gain 2N	15.47 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	3.58 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

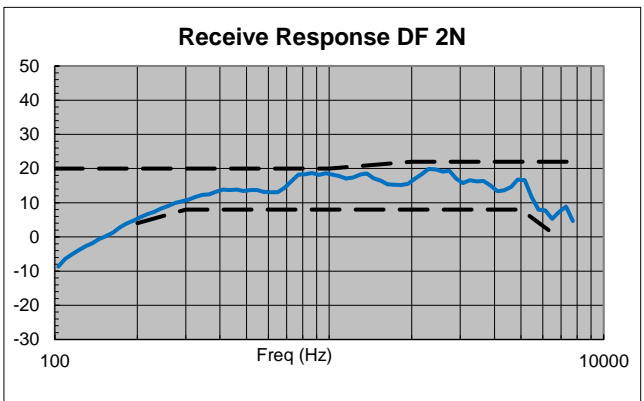
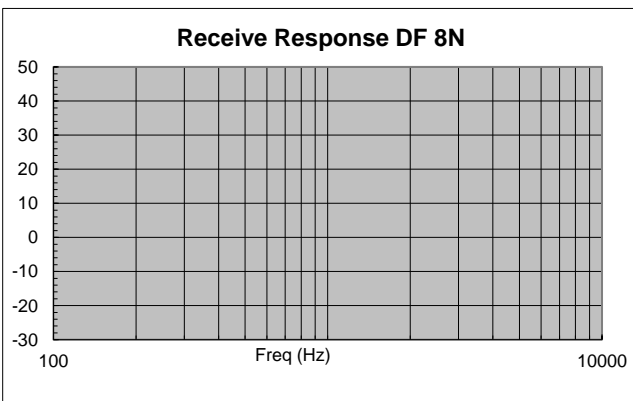
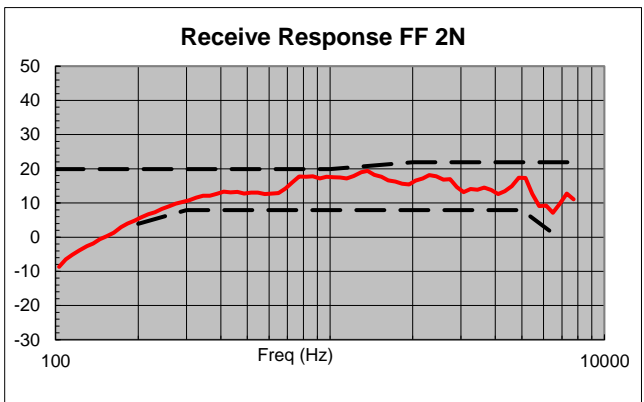
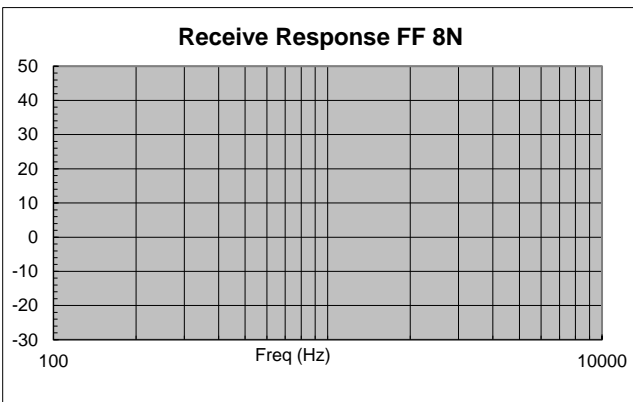
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-10
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.43 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.3 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	85.07 dB	info only		
	Recv conversational gain 2N	15.07 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	2.34 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

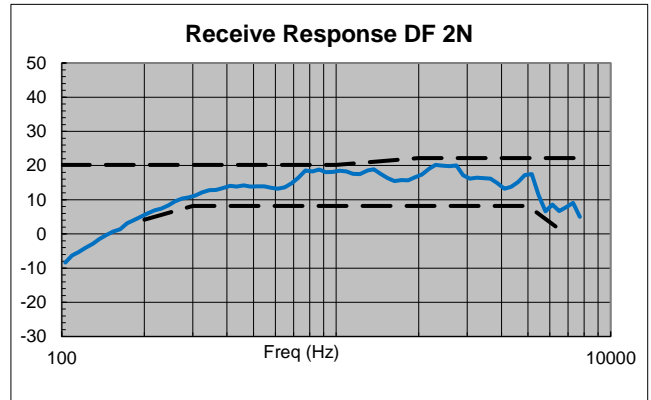
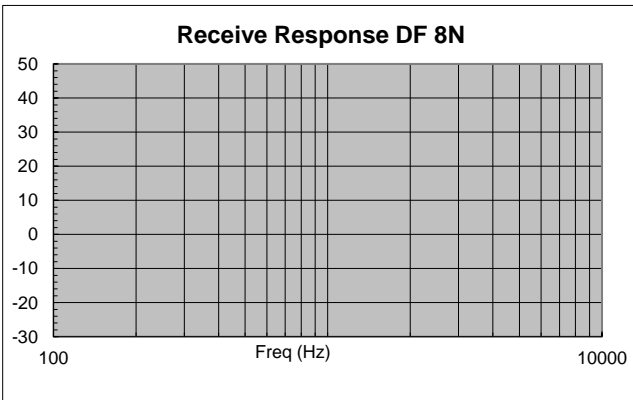
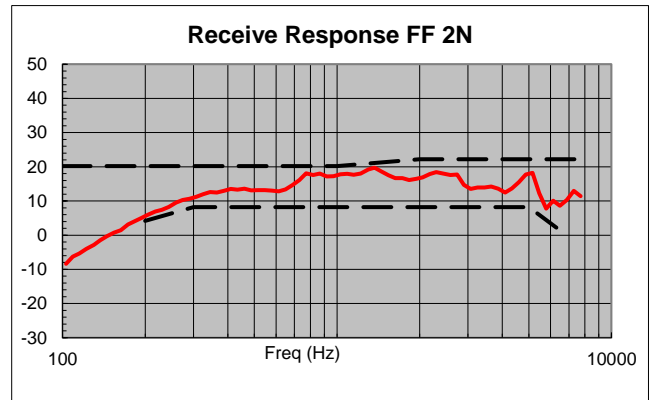
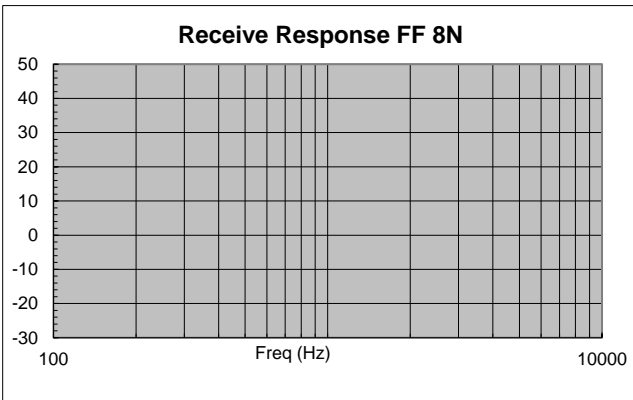
<b>Device Under Test:</b>	20231010_NR 25_Ant.F_ch.376500_40MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-10 오후 6:45:57
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.37 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.3 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	85.34 dB	info only		
	Recv conversational gain 2N	15.34 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	6.62 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

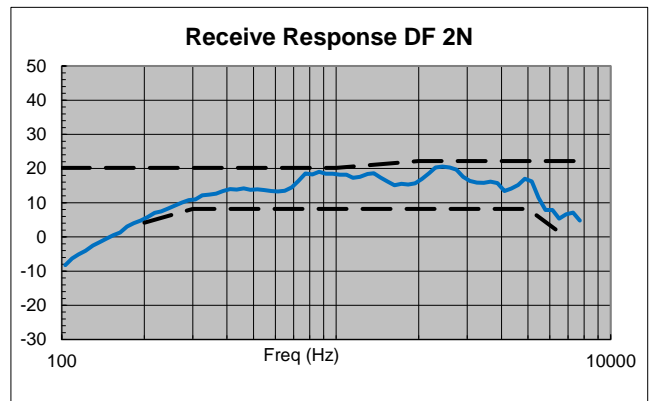
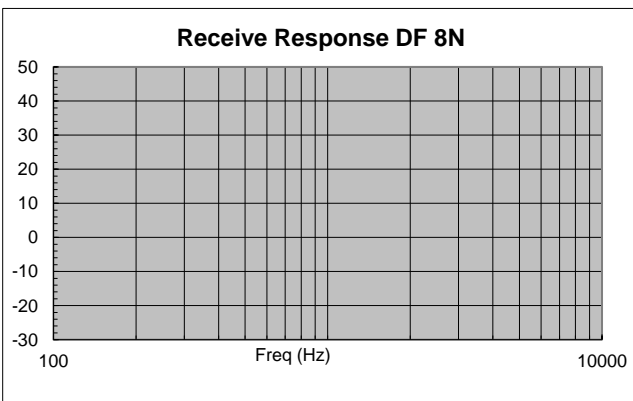
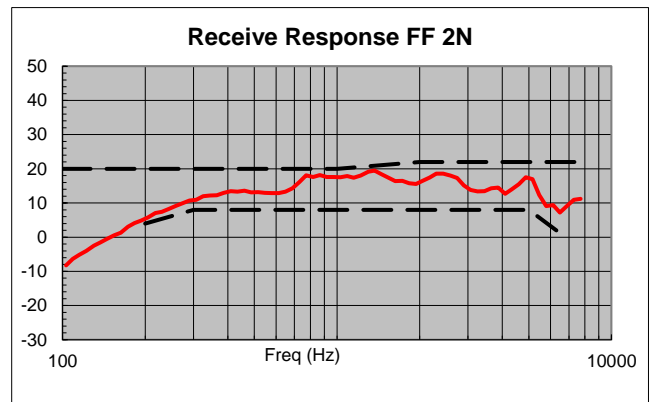
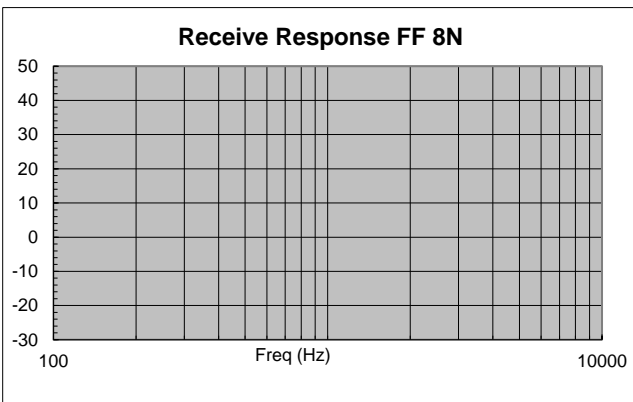
<b>Device Under Test:</b>	20231010_NR 26_Ant.E_ch.166300_20MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-10 오후 6:52:37
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.41 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.2 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	85.26 dB	info only		
	Recv conversational gain 2N	15.26 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	3.08 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

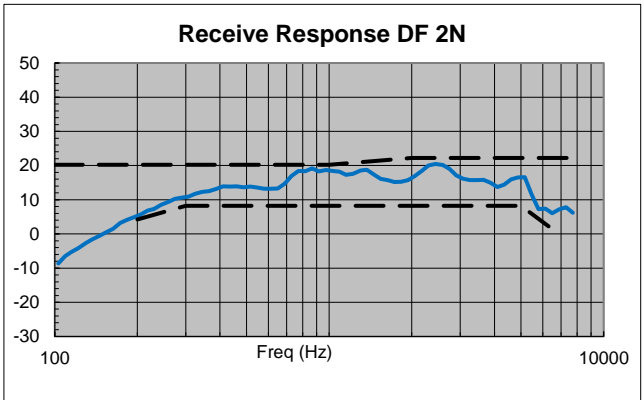
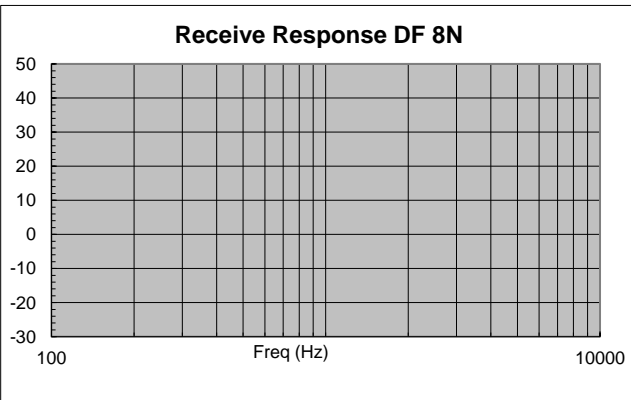
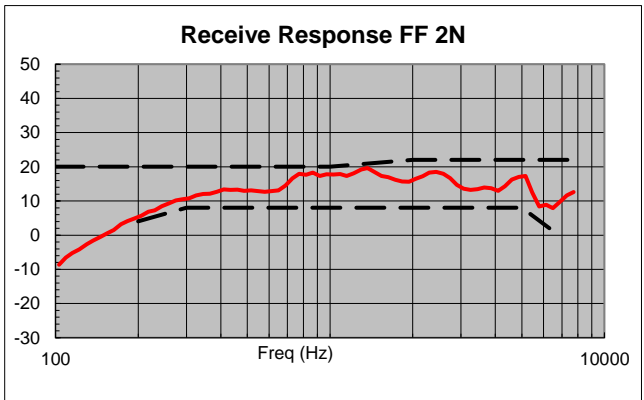
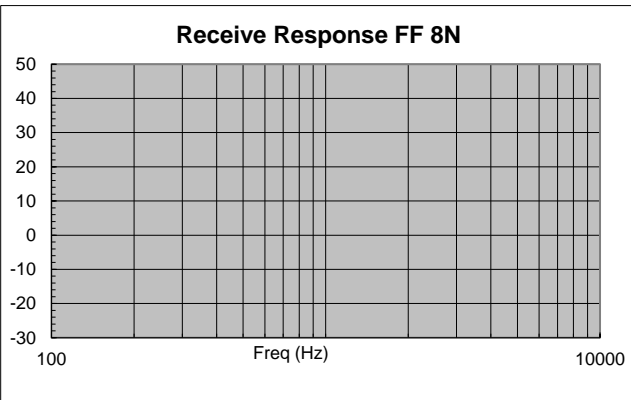
<b>Device Under Test:</b>	20231010_NR 30_Ant.F_ch.462000_10MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-10 오후 7:41:08
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.31 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.1 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.23 dB	info only		
	Recv conversational gain 2N	15.23 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	3.93 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

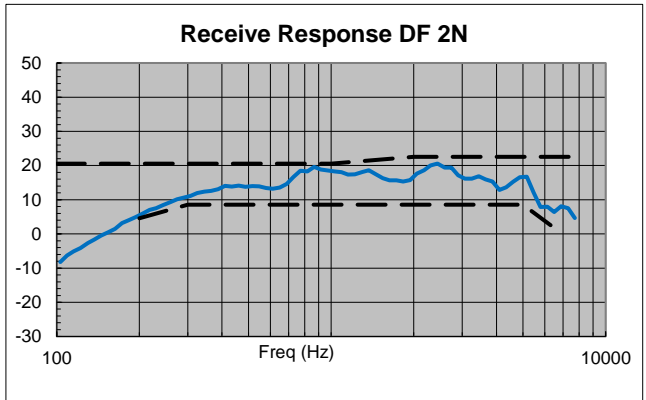
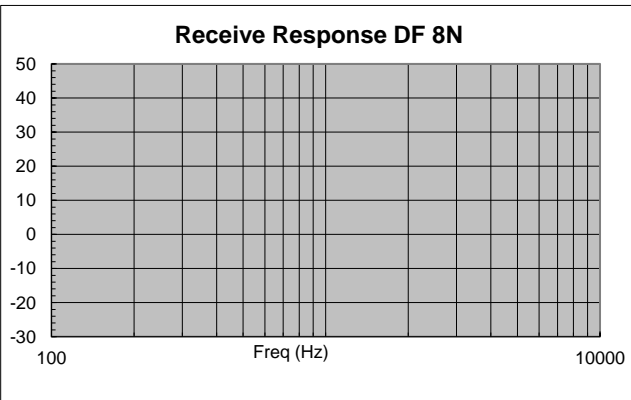
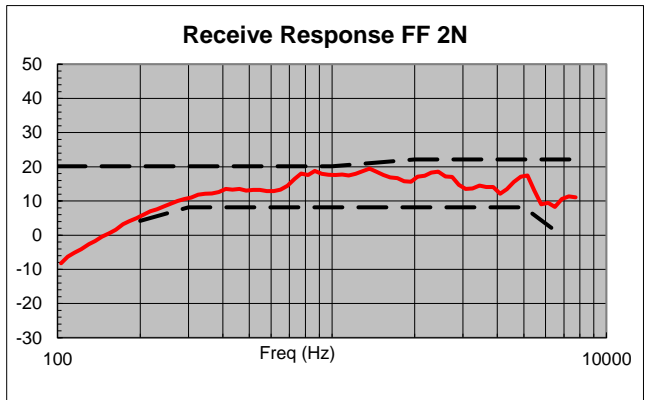
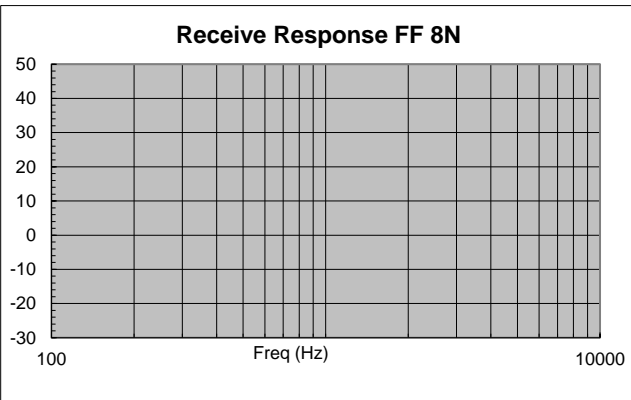
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<b>Bandwidth:</b>	Wideband
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<b>Test Date:</b>	2023-10-10 오후 7:07:54
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.36 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.9 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.28 dB	info only		
	Recv conversational gain 2N	15.28 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	4.69 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

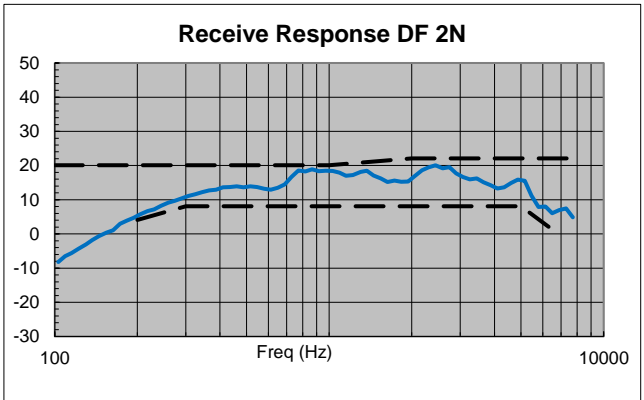
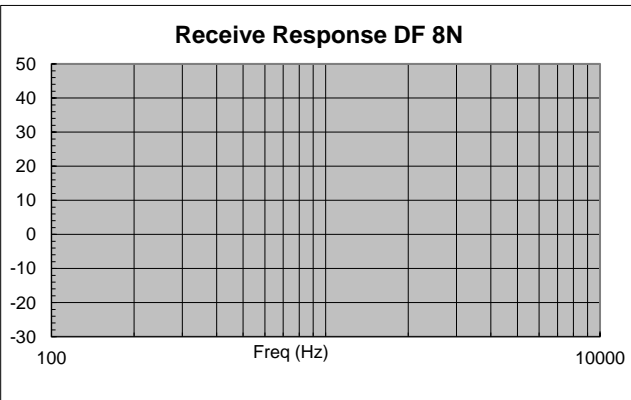
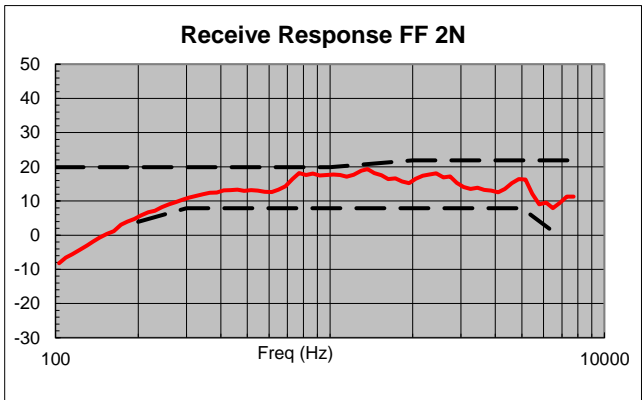
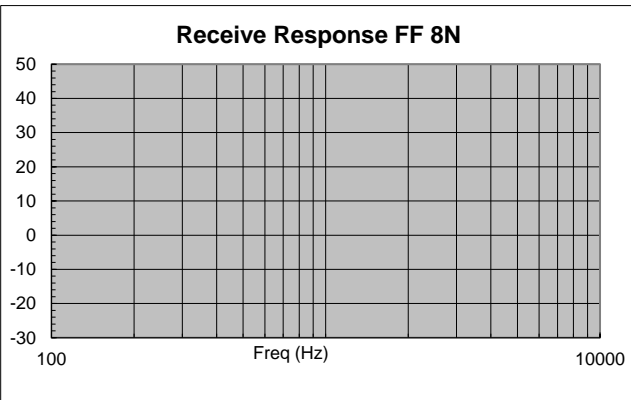
<b>Device Under Test:</b>	20231010_NR 70_Ant.F_ch.340500_15MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-10 오후 7:19:42
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.46 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.2 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.11 dB	info only		
	Recv conversational gain 2N	15.11 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	5.35 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

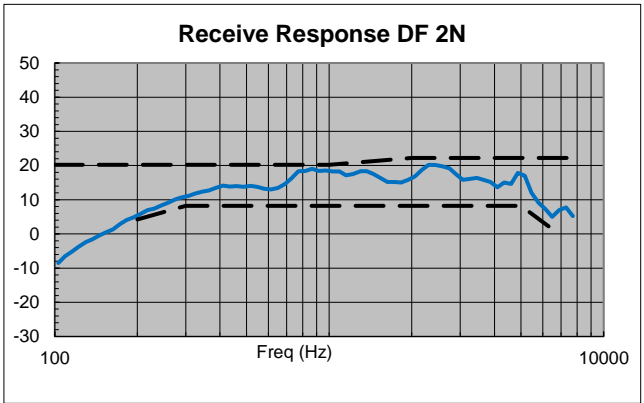
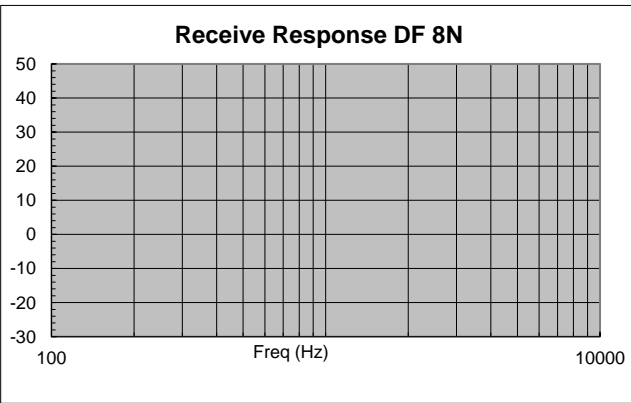
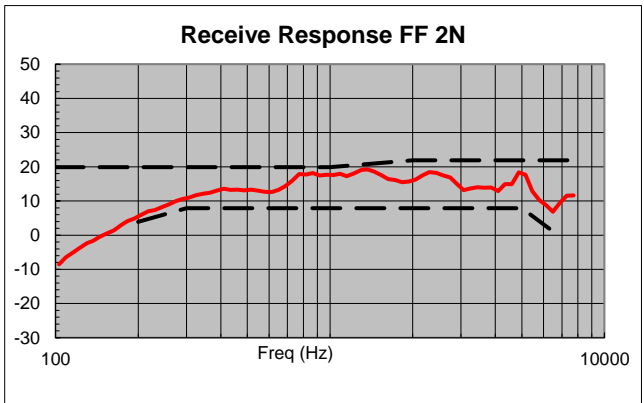
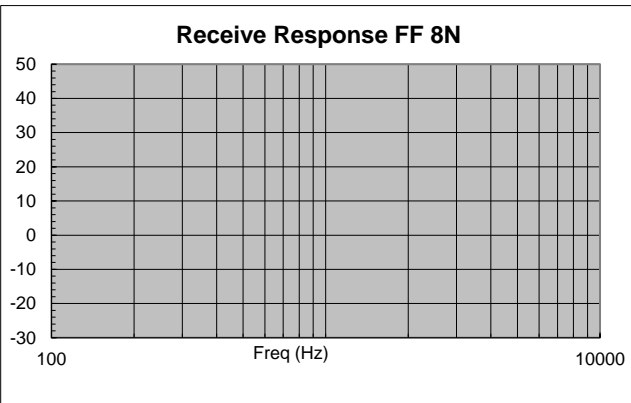
<b>Device Under Test:</b>	20231010_NR 71_Ant.E_ch.136100_20MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_2N
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<b>Bandwidth:</b>	Wideband
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<b>Test Date:</b>	2023-10-10 오후 7:36:24
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.57 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.2 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	85.22 dB	info only		
	Recv conversational gain 2N	15.22 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	4.36 dB	Absolute Limits	PASS	



## TIA-5050 Receive Volume Control Measurements

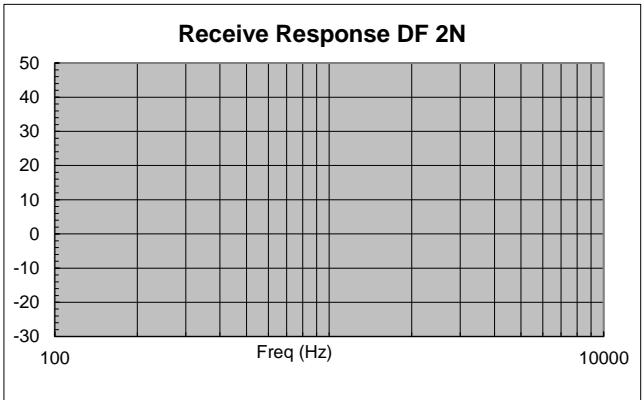
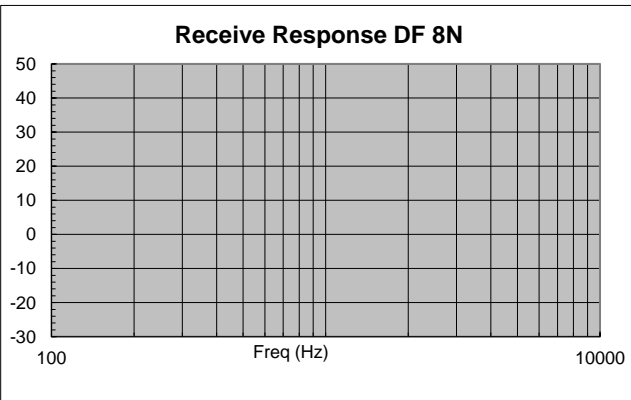
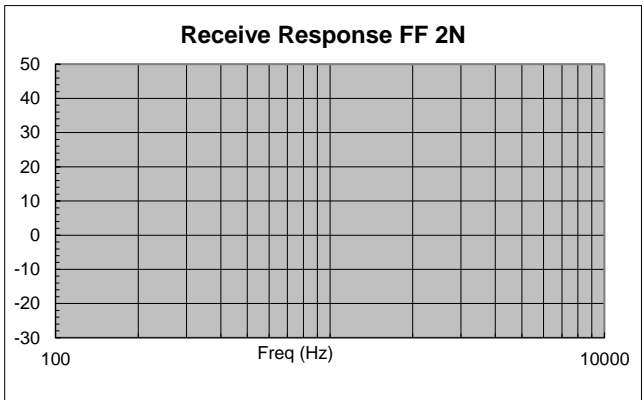
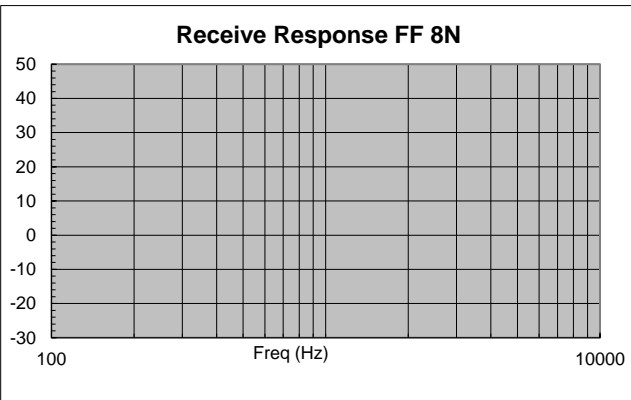
<b>Device Under Test:</b>	20231017_NR 41 PC2 Ant.B_EVS-WB 5.9 kbps_ch.518598_100MHz_QPSK_RB1-1_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-17
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N				
	Recv conversational gain 8N				
	Recv output level dB SPL 2N	85.11 dB	info only		
	Recv conversational gain 2N	15.11 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

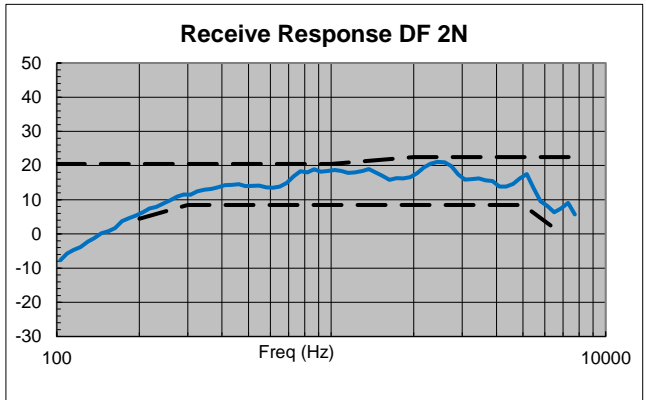
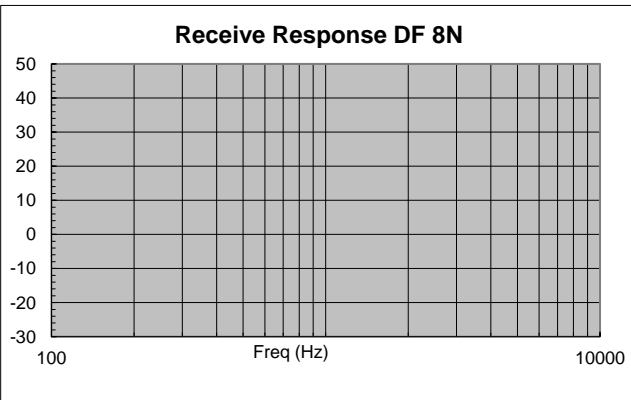
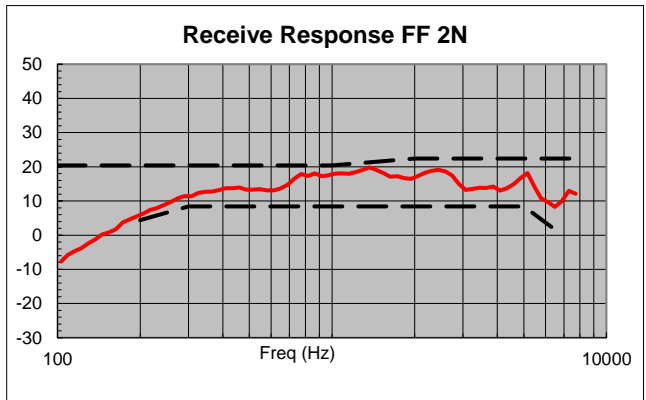
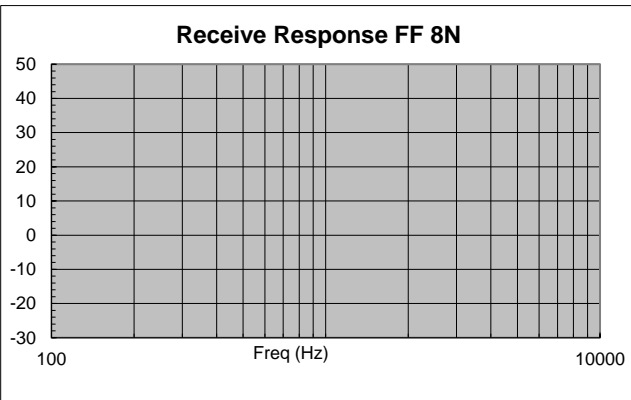
<b>Device Under Test:</b>	20231012_NR 48_Ant.F_EVS-WB 13.2 kbps_ch.641666_40MHz_DFT-s-OFDM QPSK_RB1-1_V-1_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-12 오후 2:52:41
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.49 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.4 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.59 dB	info only		
	Recv conversational gain 2N	15.59 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	6.68 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

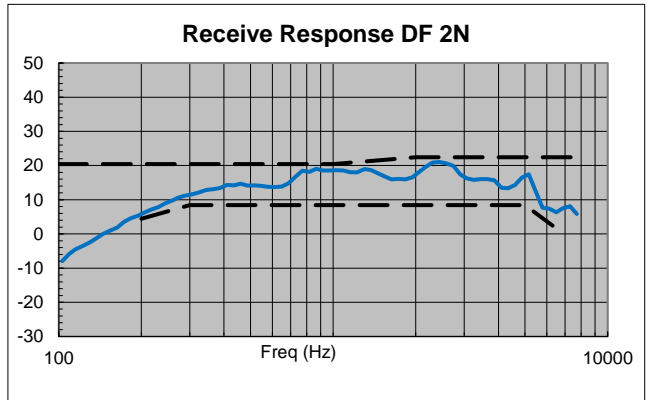
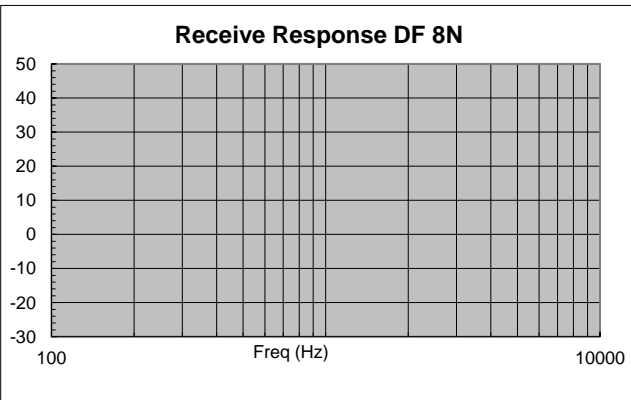
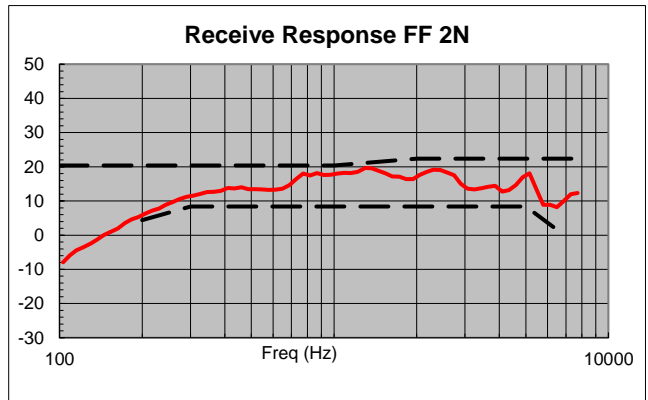
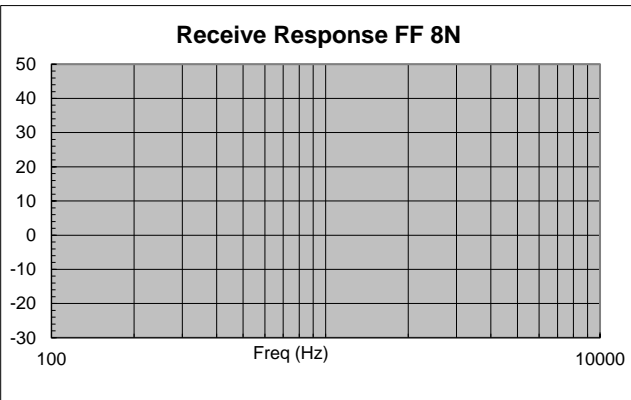
<b>Device Under Test:</b>	20231012_NR 77_Ant.F_EVS-WB 13.2 kbps_ch.650000_100MHz_DFT-s-OFDM QPSK_RB1-1_V-1_2N
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<b>Bandwidth:</b>	Wideband
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<b>Test Date:</b>	2023-10-12 오후 2:26:59
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.47 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.4 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.62 dB	info only		
	Recv conversational gain 2N	15.62 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	6.97 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

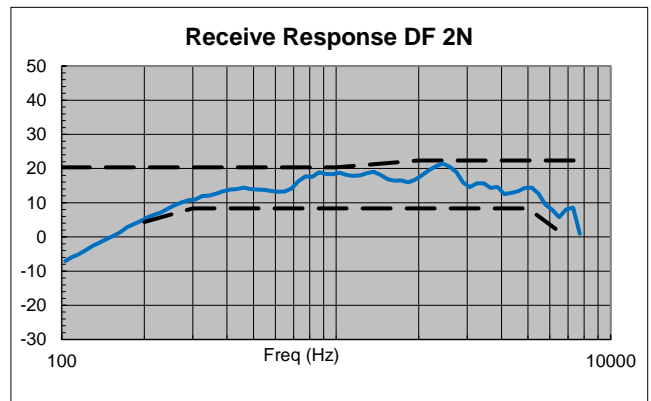
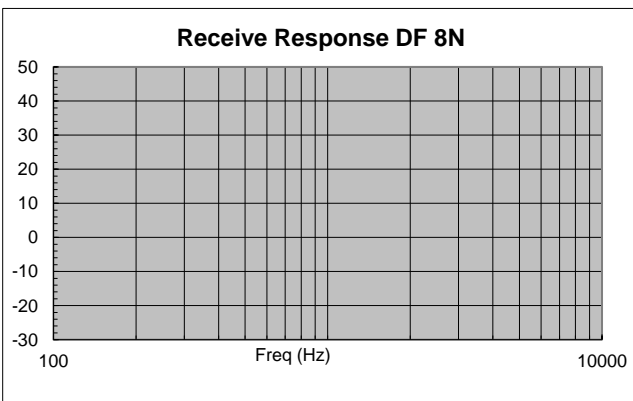
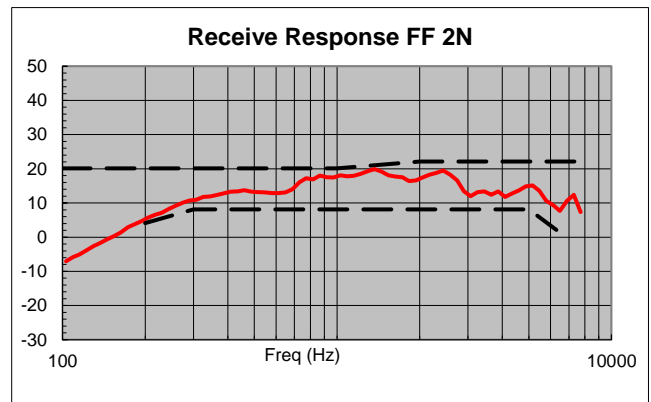
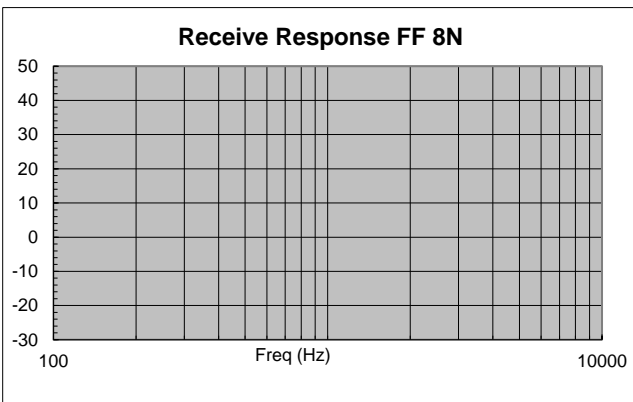
<b>Device Under Test:</b>	802.11b_MIMO_DSSS 1Mbps_ch.6_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-21 오전 11:00:03
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.13 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.9 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.36 dB	info only		
	Recv conversational gain 2N	15.36 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	3.25 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

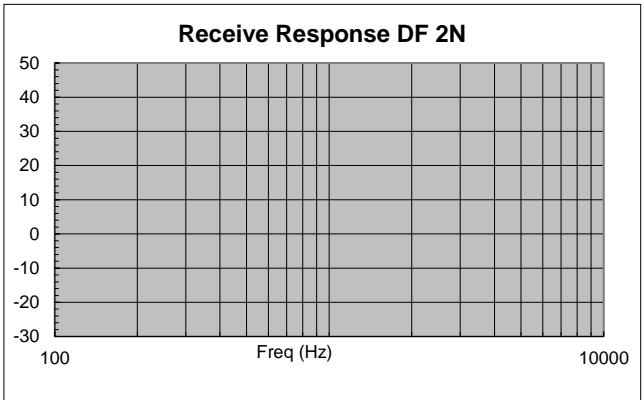
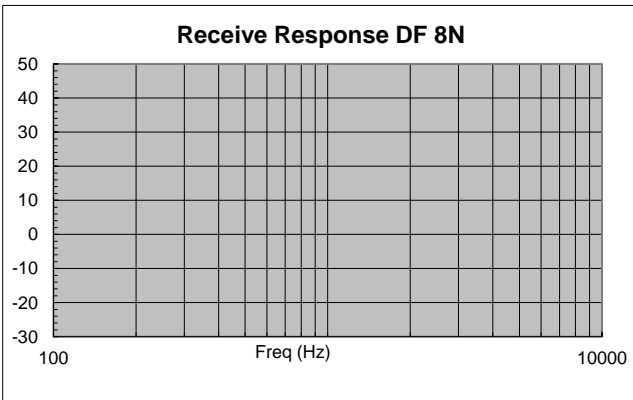
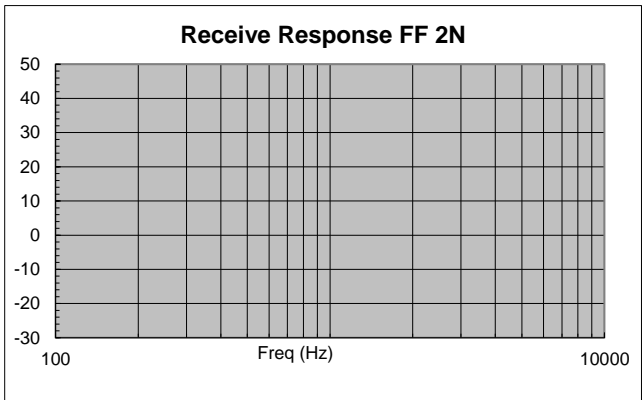
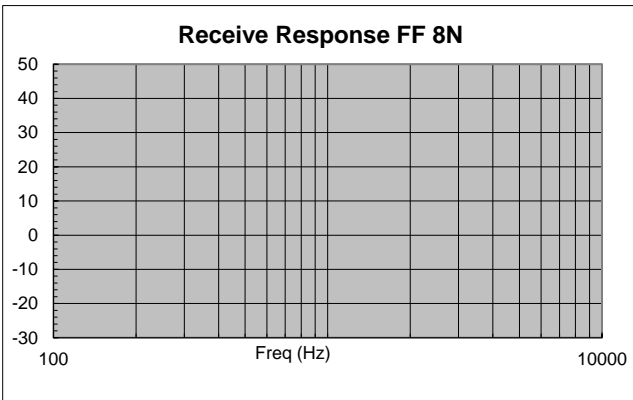
<b>Device Under Test:</b>	20231022_802.11a_EVS-WB 5.9 kbps_ch.40_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-22
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.19 dB	info only		
	Recv conversational gain 2N	15.19 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

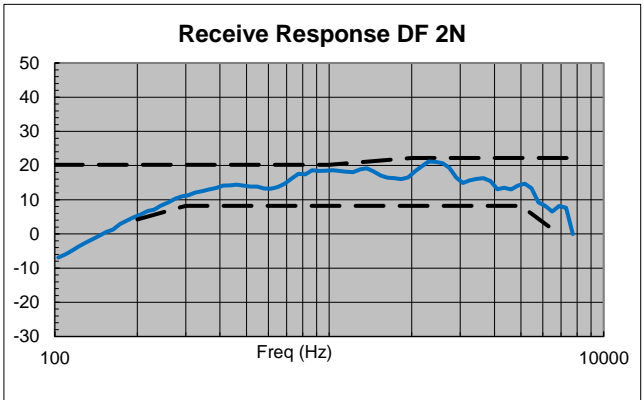
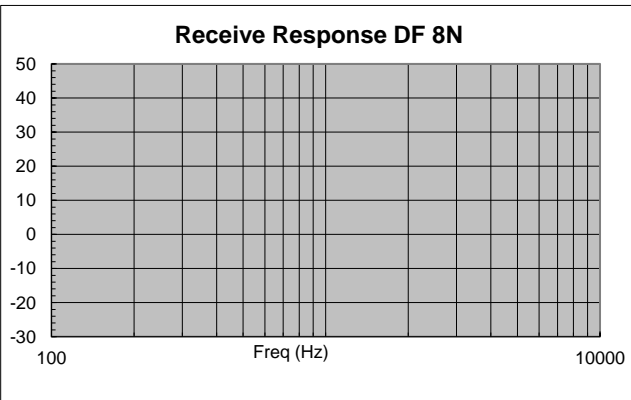
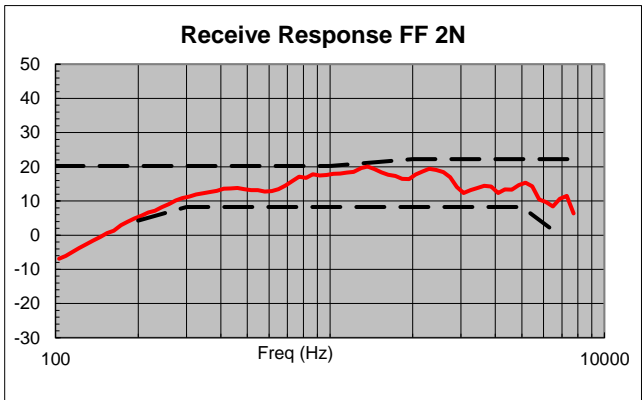
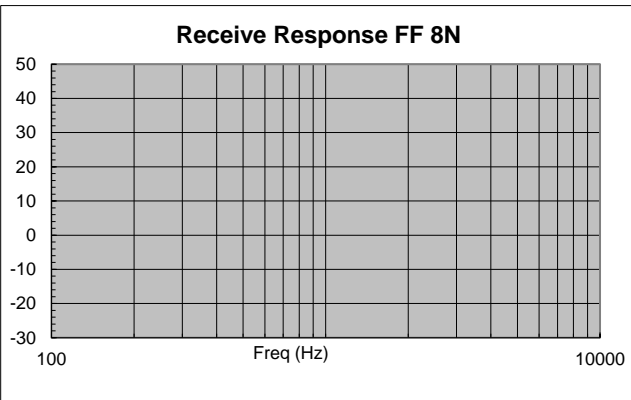
<b>Device Under Test:</b>	802.11a_MIMO_ch.56_20MHz_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-22 오후 3:37:35
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.07 dB	Floating Limits	PASS	
	Recv resp DF 2N	1 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.49 dB	info only		
	Recv conversational gain 2N	15.49 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	3.75 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

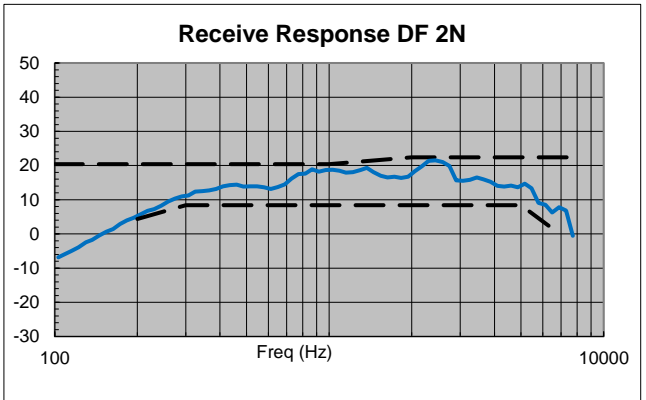
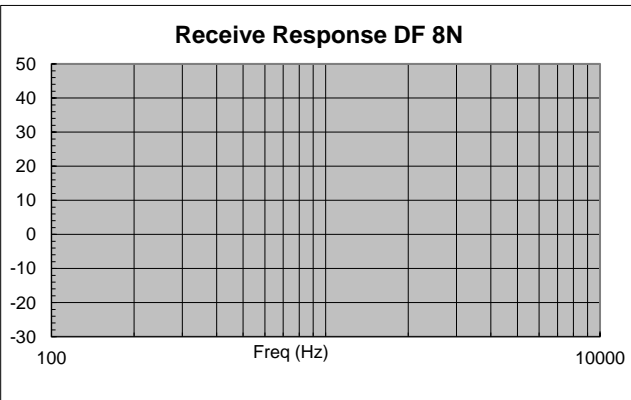
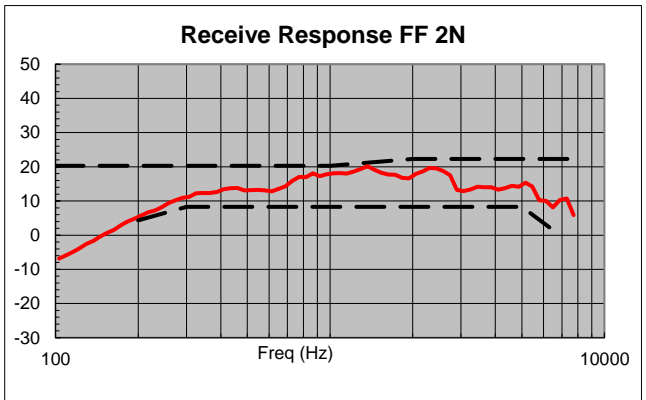
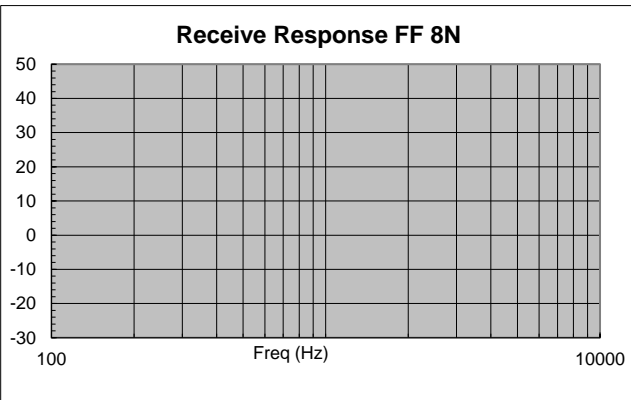
<b>Device Under Test:</b>	802.11a_MIMO_ch.120_20MHz_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-22 오후 3:42:29
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.03 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.9 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.5 dB	info only		
	Recv conversational gain 2N	15.5 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	4.78 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

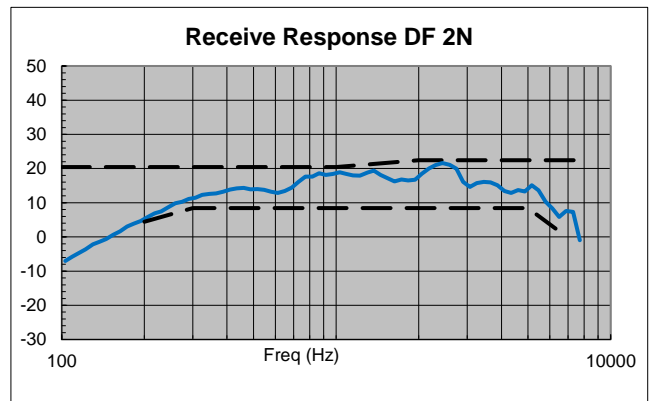
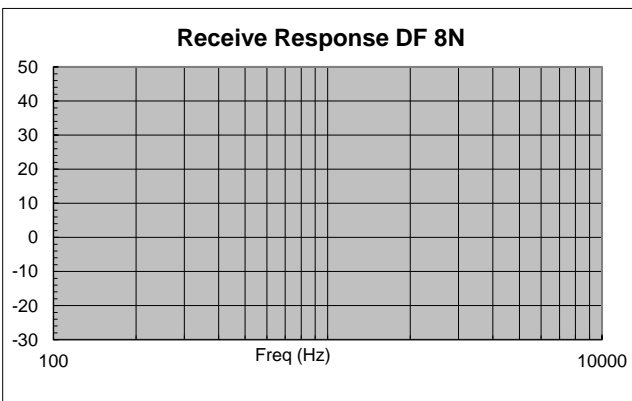
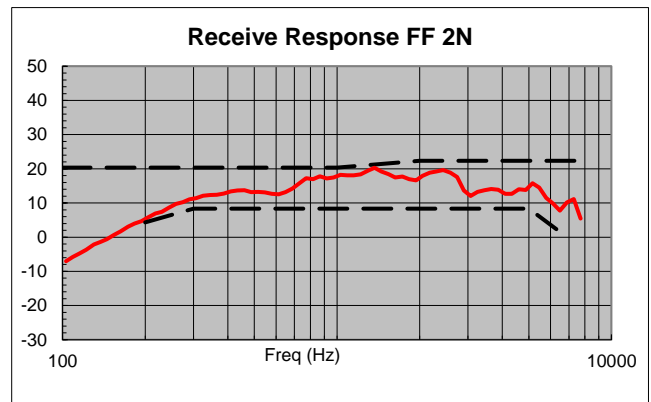
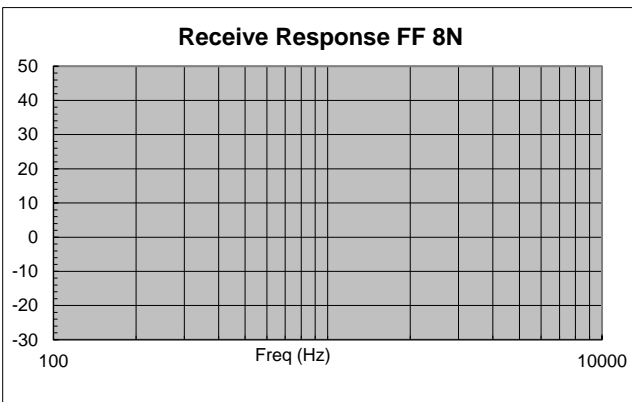
<b>Device Under Test:</b>	802.11a_MIMO_ch.157_20MHz_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-22 오후 3:59:21
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	0.96 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.8 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.46 dB	info only		
	Recv conversational gain 2N	15.46 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	3.95 dB	Absolute Limits	PASS	



## TIA-5050 Receive Volume Control Measurements

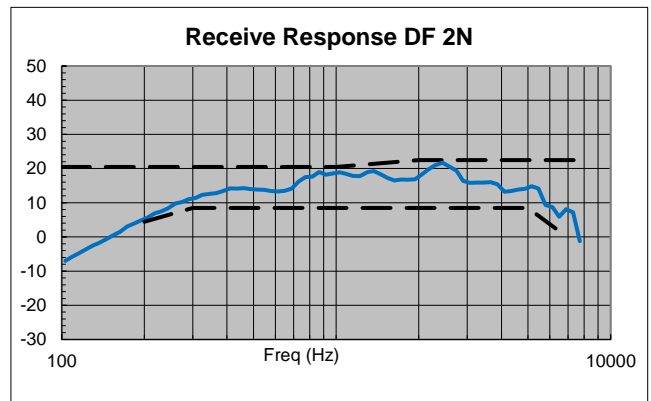
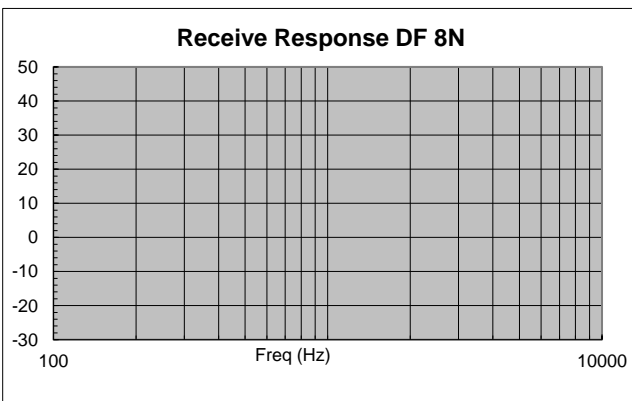
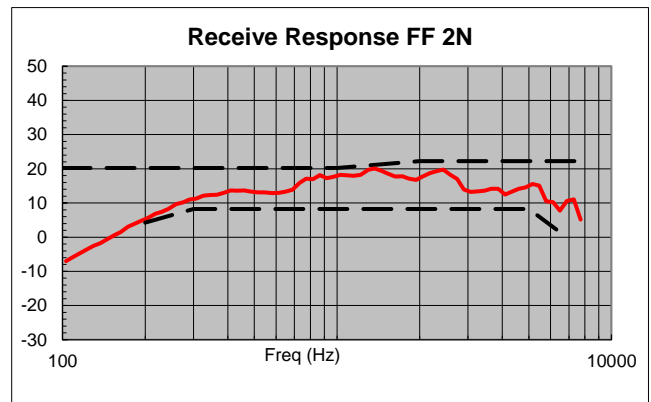
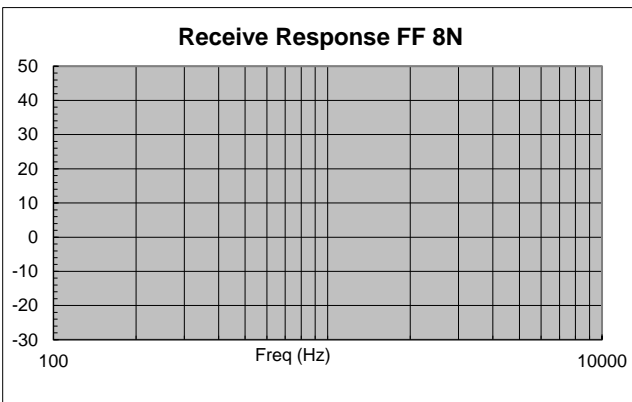
<b>Device Under Test:</b>	802.11a_MIMO_ch.173_20MHz_WB_2N
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<b>Bandwidth:</b>	Wideband
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<b>Test Date:</b>	2023-10-22 오후 4:10:17
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				
	Recv resp DF 8N				
	Recv resp FF 2N	1.03 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.8 dB	Floating Limits	PASS	



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N				
	Recv conversational gain 8N				
	Recv output level dBSPL 2N	85.49 dB	info only		
	Recv conversational gain 2N	15.49 dB	6.00	PASS	

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N	3.62 dB	Absolute Limits	PASS	

## TIA-5050 Receive Volume Control Measurements

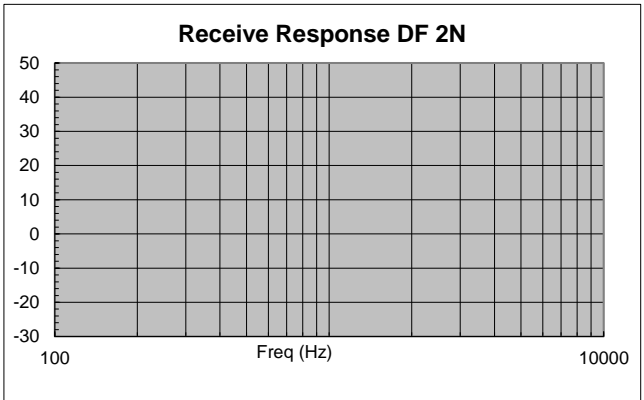
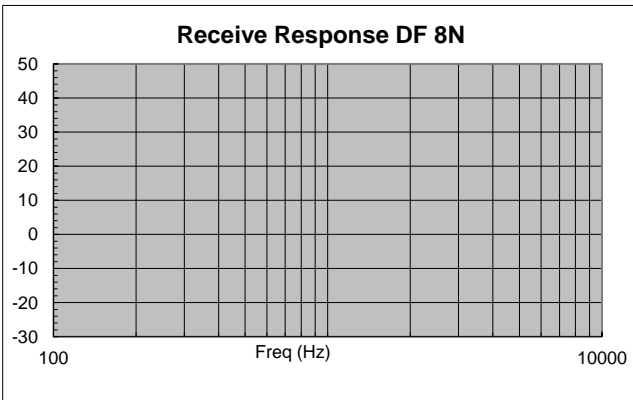
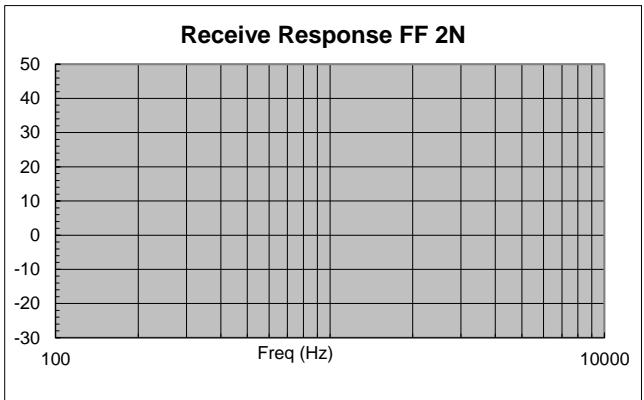
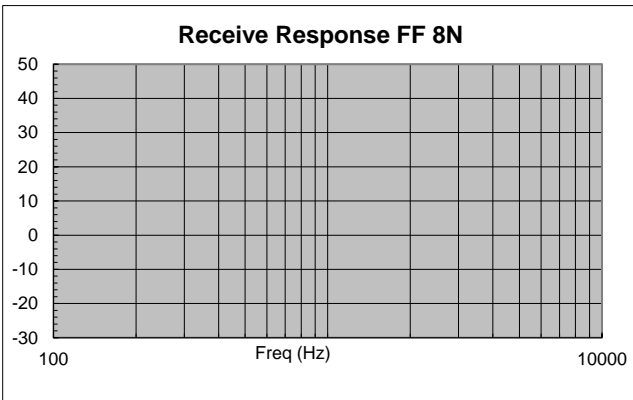
<b>Device Under Test:</b>	20231004_GSM 850 Ant.E_ch190_HR V1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-04
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	91.11 dB	info only		
	Recv conversational gain 8N	21.11 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

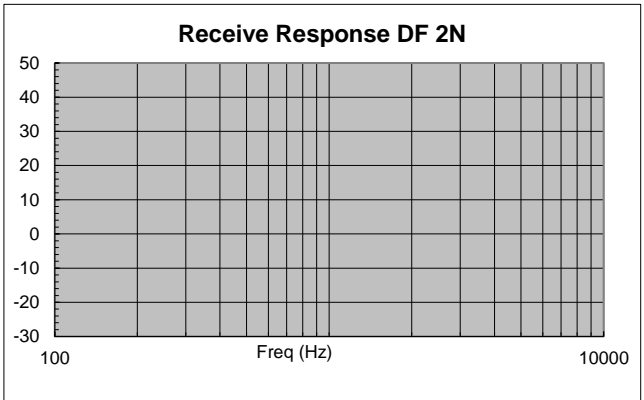
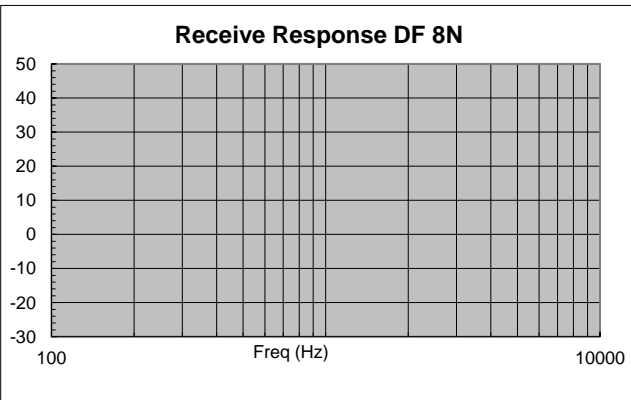
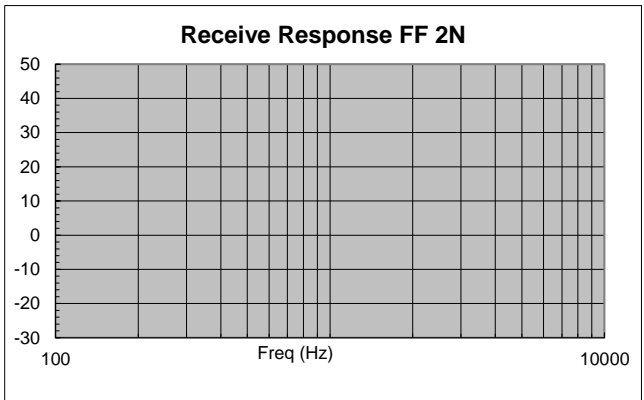
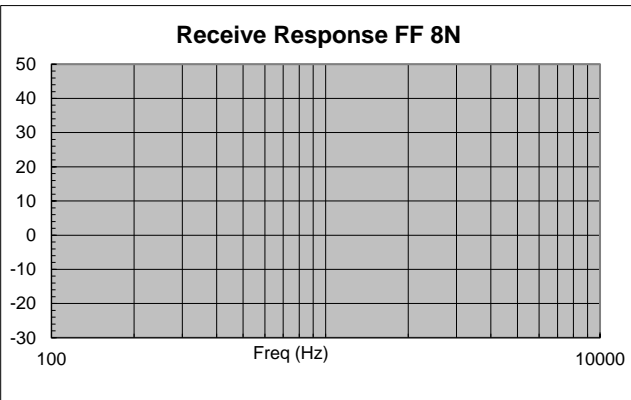
<b>Device Under Test:</b>	20231004_GSM 1900_ch661_HRV1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-04
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	91.15 dB	info only		
	Recv conversational gain 8N	21.15 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

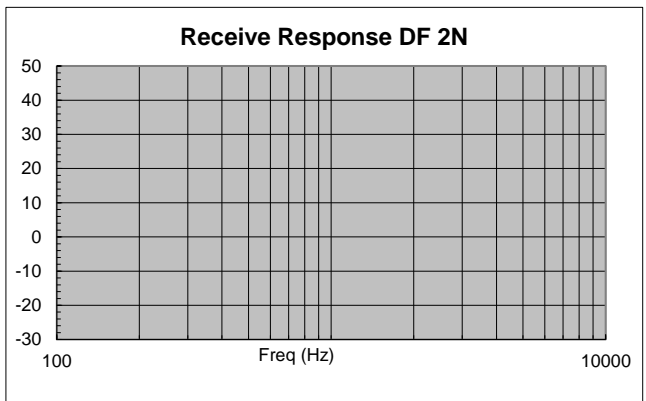
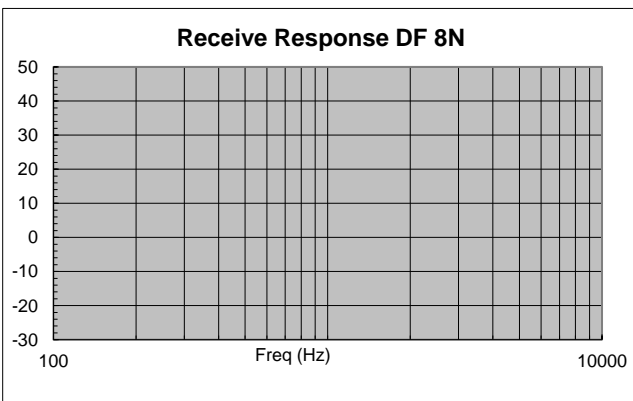
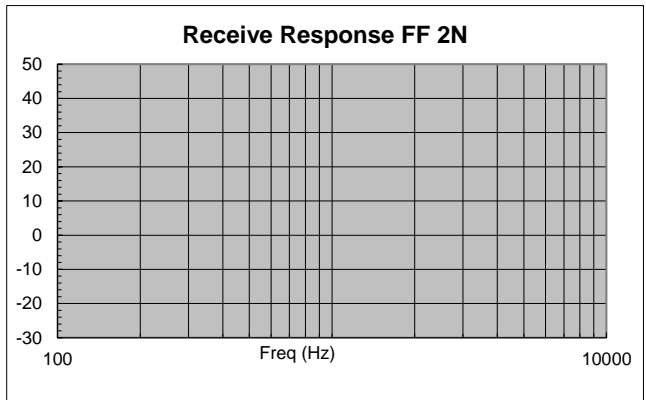
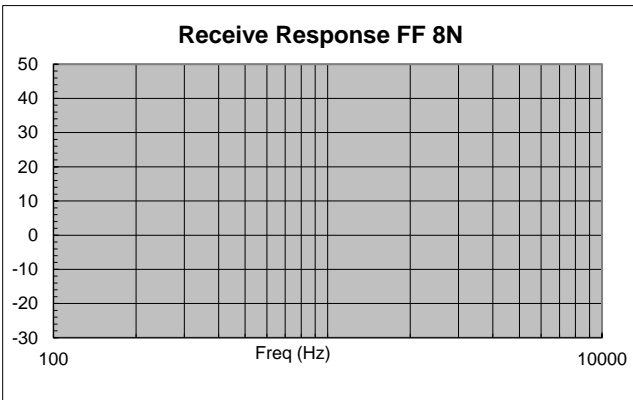
<b>Device Under Test:</b>	20231004_WCDMA II_ch9400_AMR-WB 6.6kbps_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-04
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.10 dB	info only		
	Recv conversational gain 8N	19.10 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

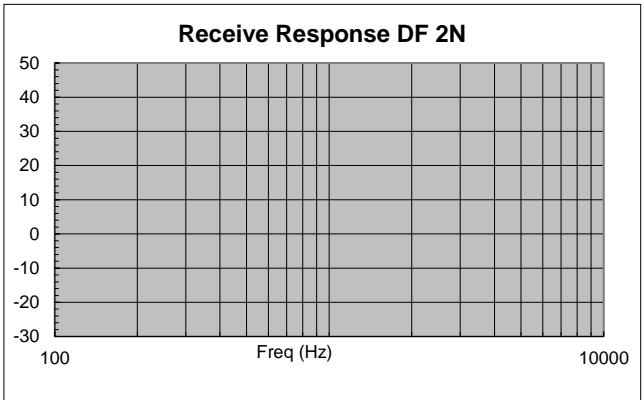
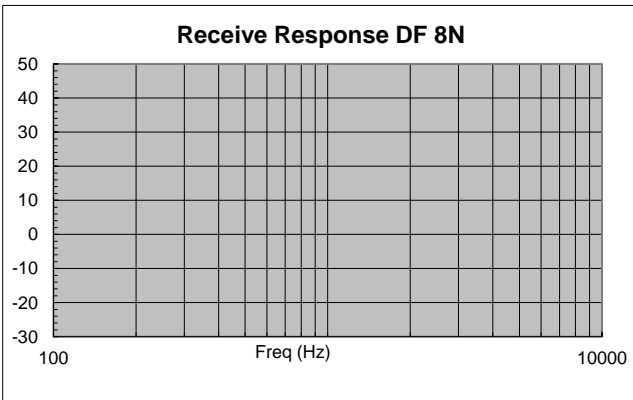
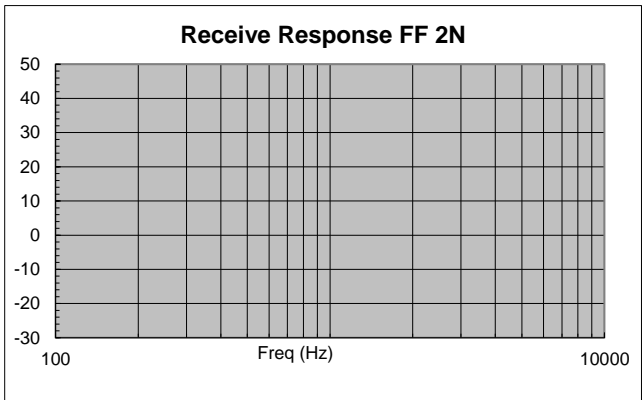
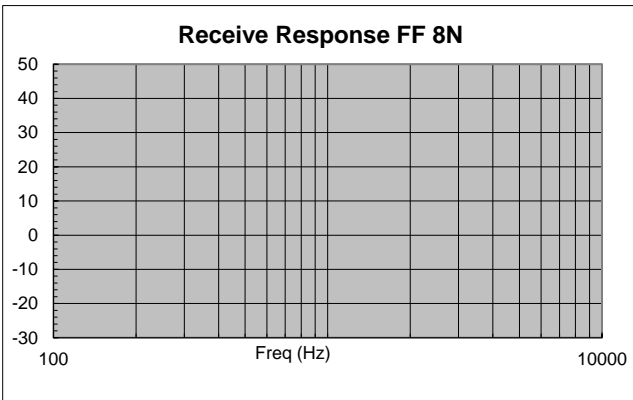
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-04
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.00 dB	info only		
	Recv conversational gain 8N	19.00 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

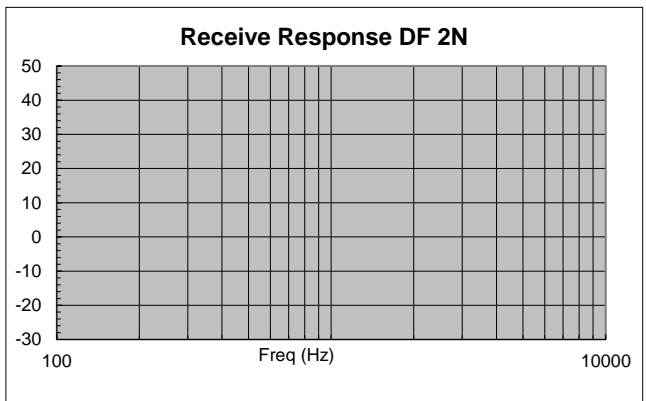
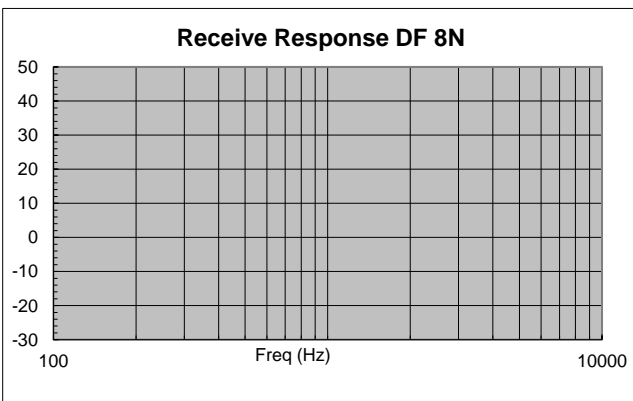
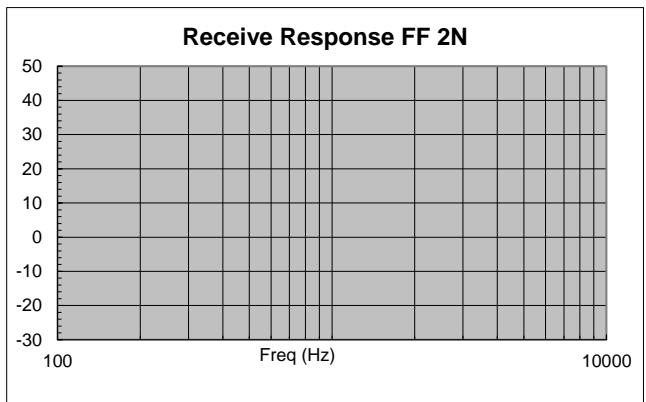
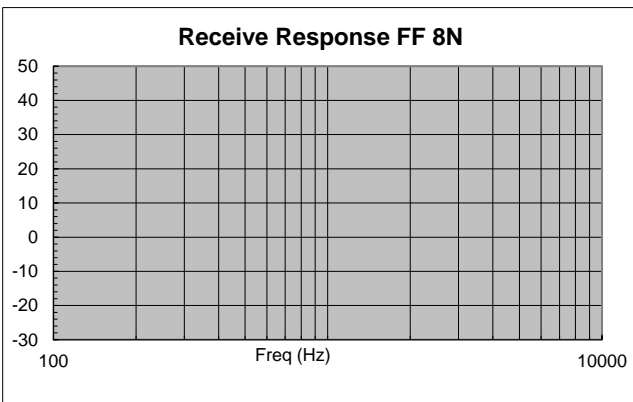
<b>Device Under Test:</b>	20231016_WCDMA V_Ant.A_AMR-WB 6.6 kbps_ch.4183_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-16
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.08 dB	info only		
	Recv conversational gain 8N	19.08 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

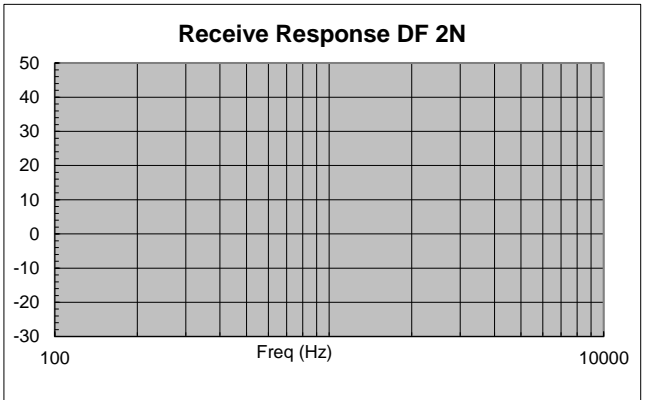
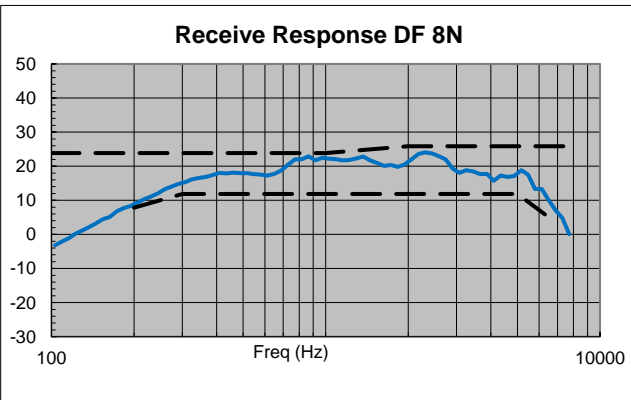
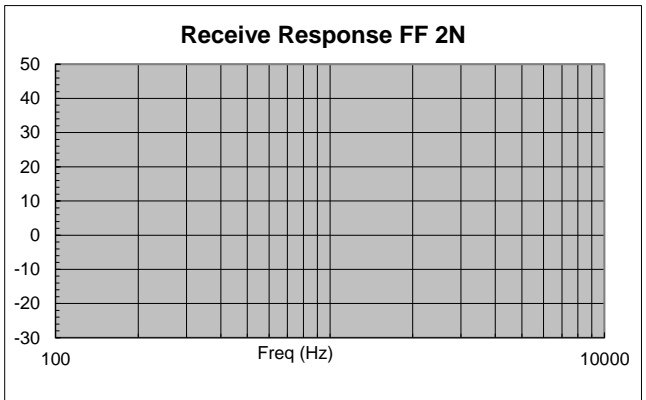
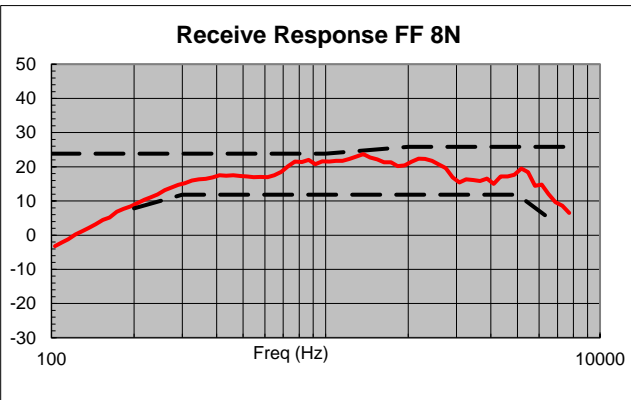
<b>Device Under Test:</b>	20231007_LTE 7 Ant.B_ch.21100_20MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-07
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.04 dB	Floating Limits	PASS	
	Recv resp DF 8N	1 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.29 dB	info only		
	Recv conversational gain 8N	19.29 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3.3 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

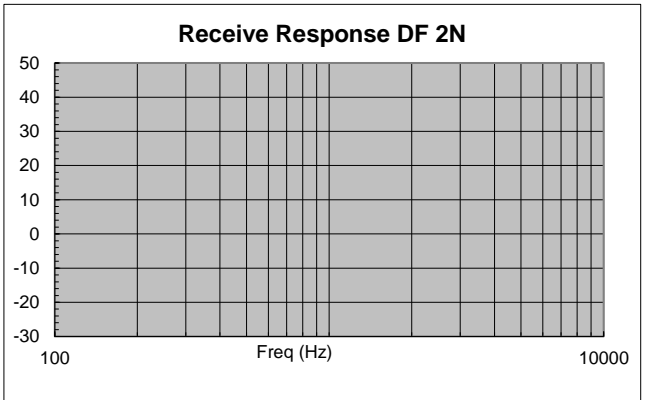
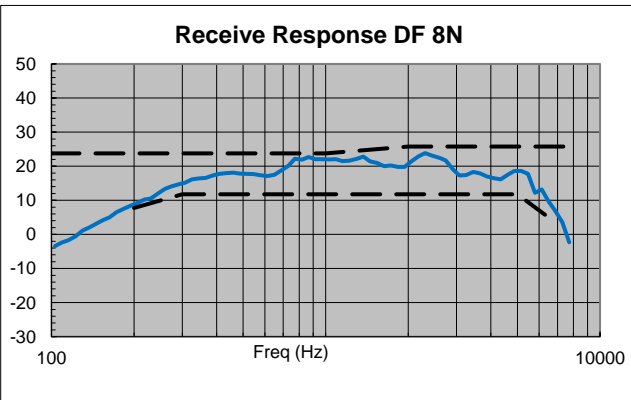
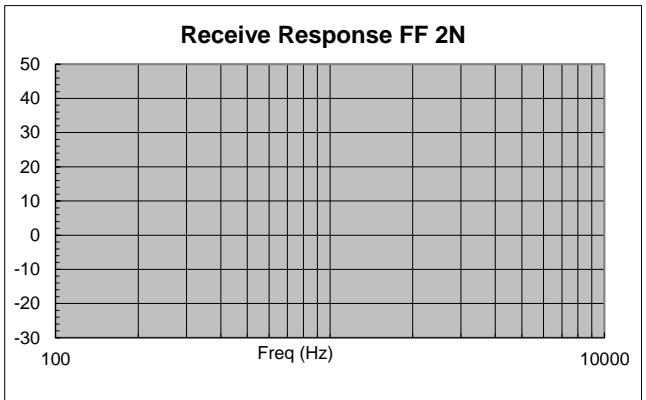
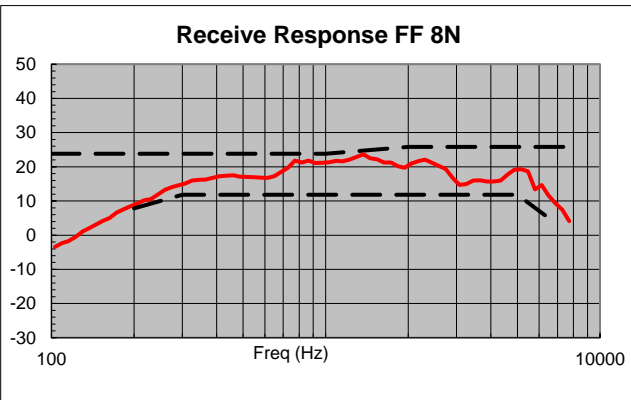
<b>Device Under Test:</b>	20231007_LTE 12 Ant.A_ch.23095_10MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-07
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.06 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.1 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.16 dB	info only		
	Recv conversational gain 8N	19.16 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	2.6 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				



## TIA-5050 Receive Volume Control Measurements

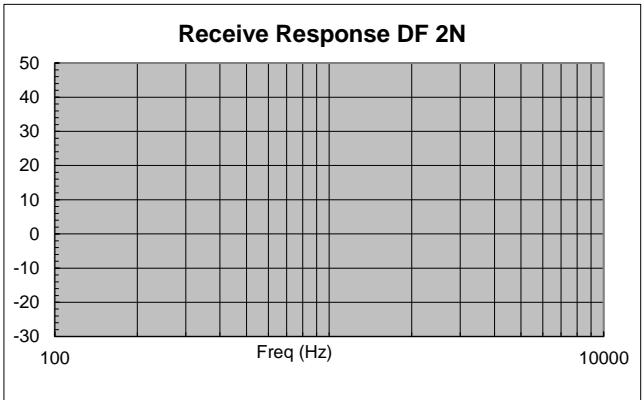
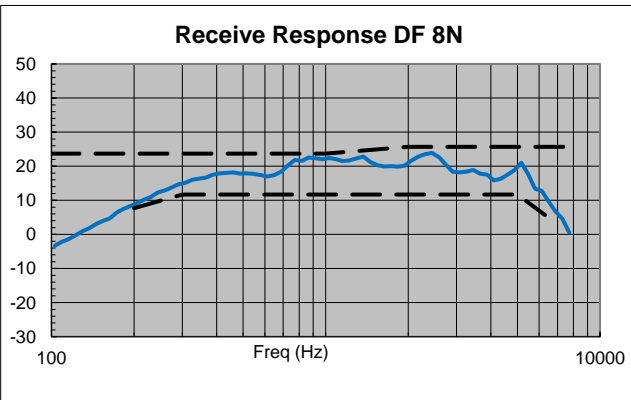
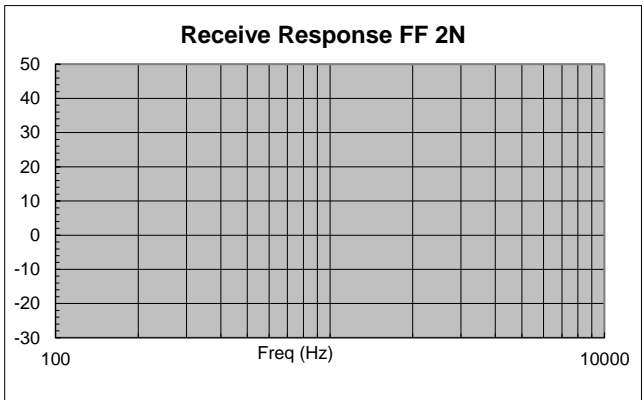
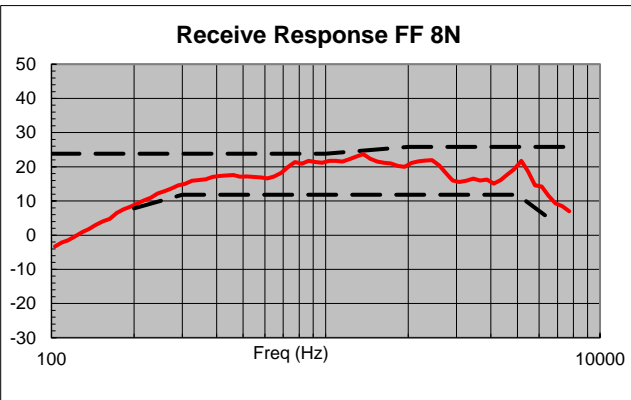
<b>Device Under Test:</b>	20231007_LTE 13 Ant.A_ch.23230_10MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-07
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.01 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.1 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.17 dB	info only		
	Recv conversational gain 8N	19.17 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3.7 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

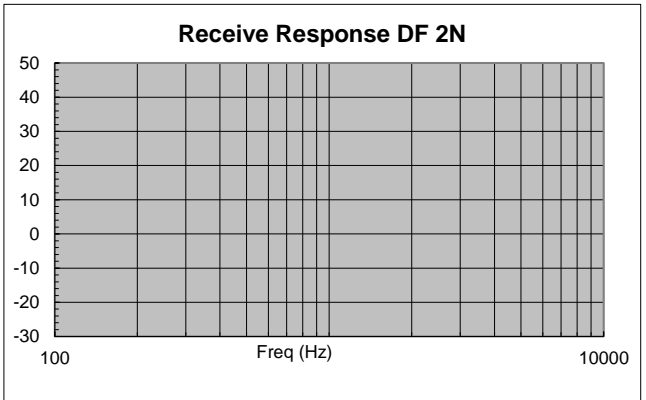
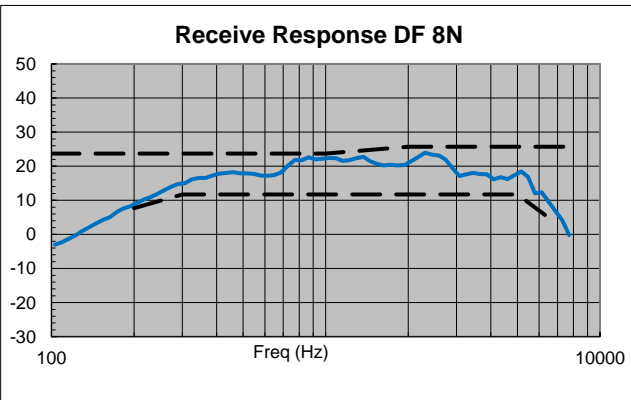
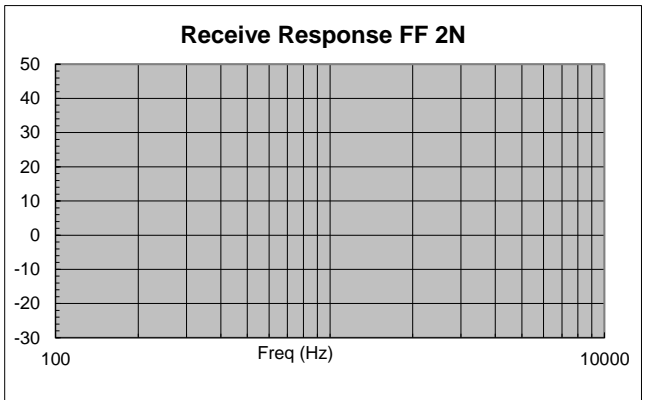
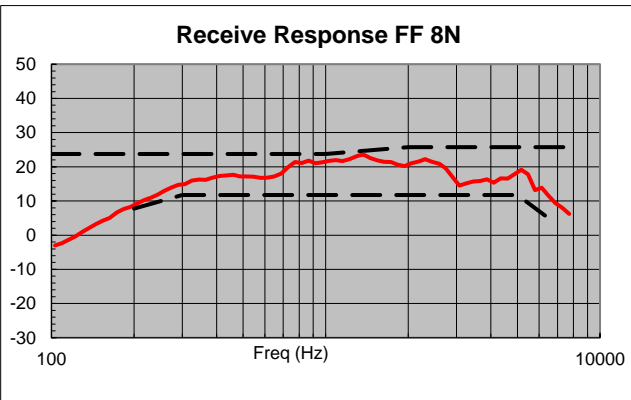
<b>Device Under Test:</b>	20231007_LTE 14 Ant.A_ch.23330_10MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-07
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.07 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.1 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.22 dB	info only		
	Recv conversational gain 8N	19.22 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3.8 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

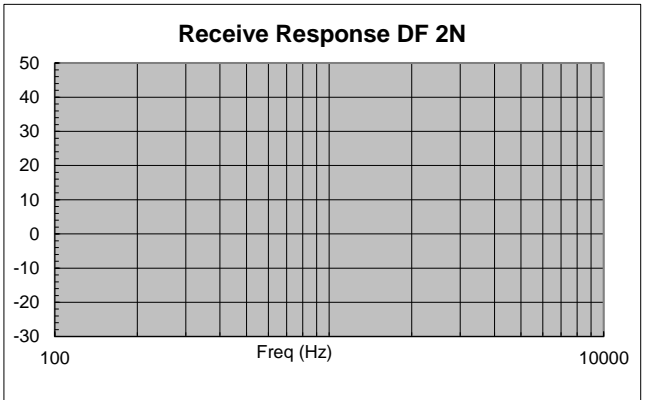
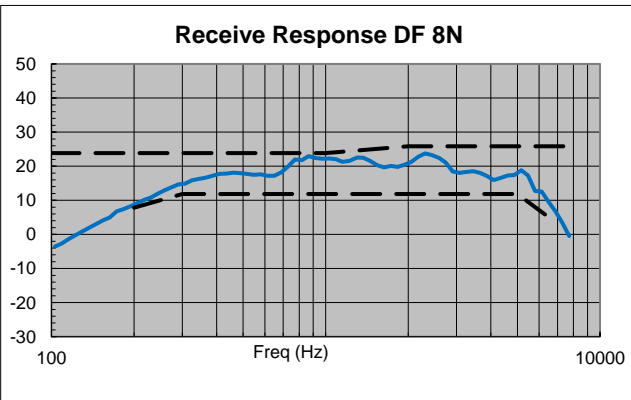
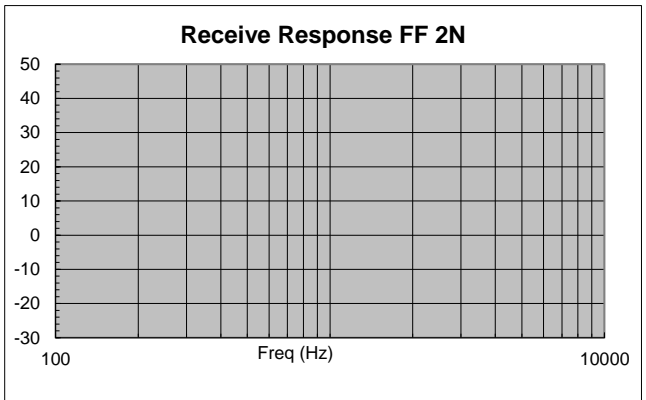
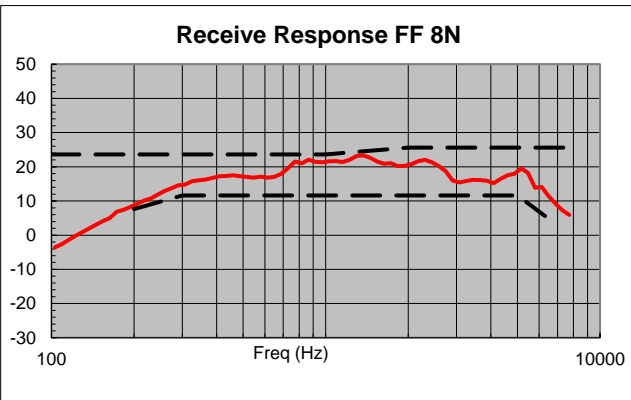
<b>Device Under Test:</b>	20231007_LTE 25 Ant.A_ch.26365_20MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-07
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.14 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.9 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.11 dB	info only		
	Recv conversational gain 8N	19.11 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3.9 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

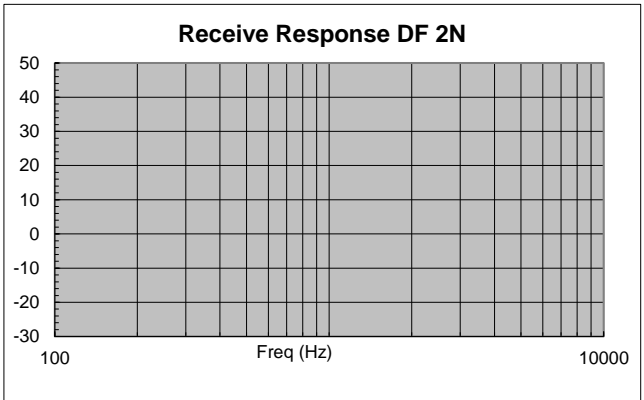
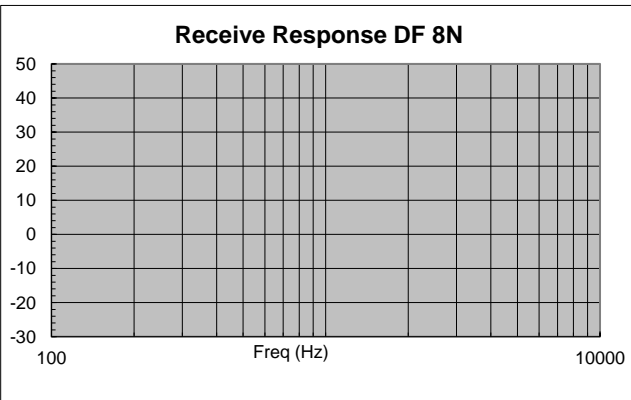
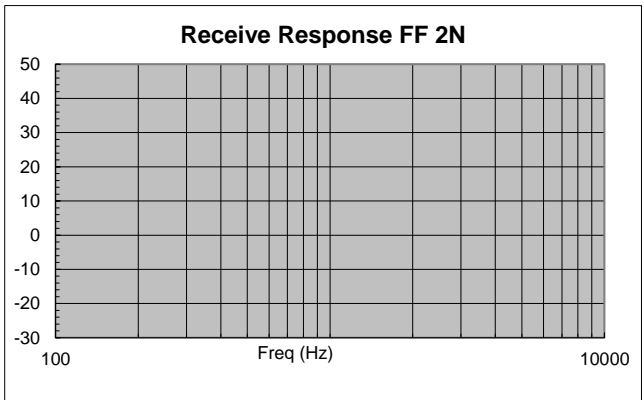
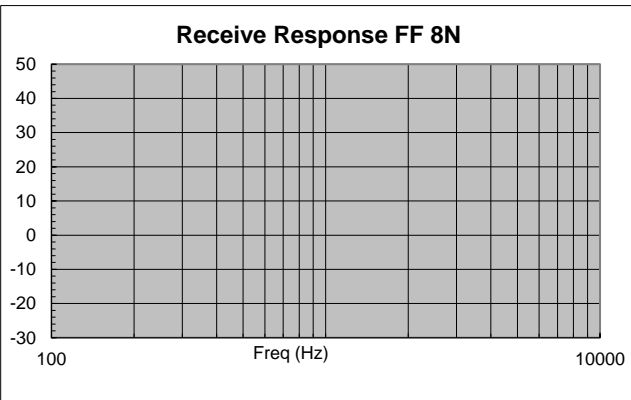
<b>Device Under Test:</b>	20231016_LTE 26 Ant.A_AMR-WB 6.6 kbps_ch.26865_15MHz_QPSK_RB1-0_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-16
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	88.91 dB	info only		
	Recv conversational gain 8N	18.91 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

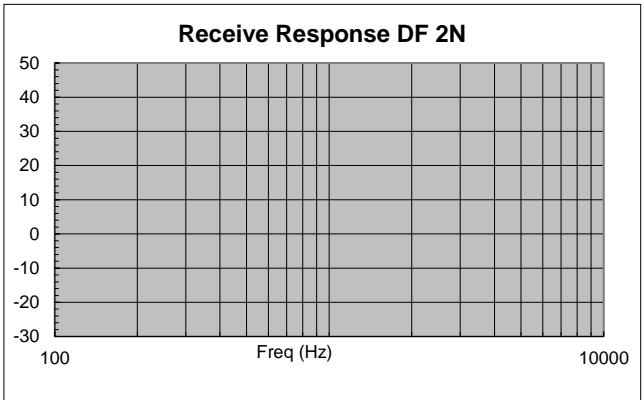
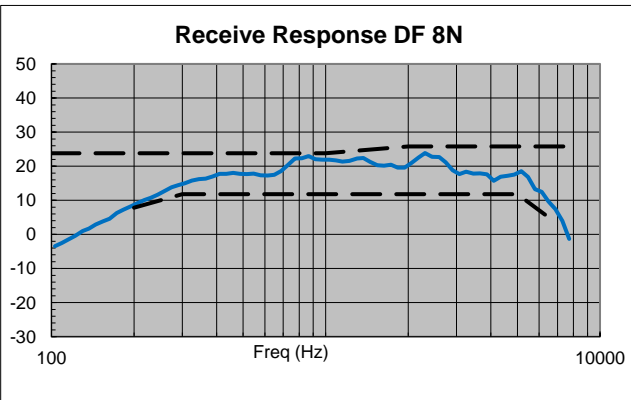
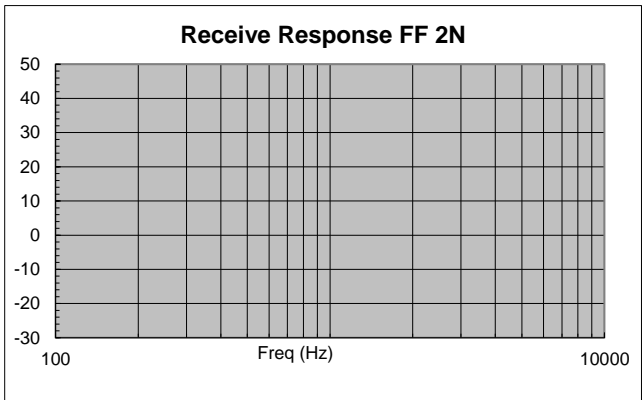
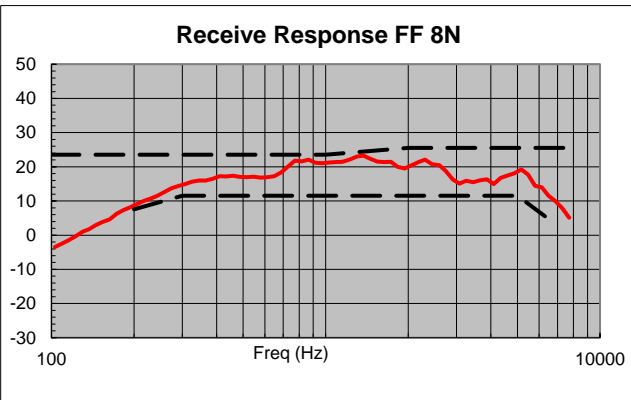
<b>Device Under Test:</b>	20231007_LTE 30 Ant.A_ch.27710_10MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-07
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.16 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.9 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.06 dB	info only		
	Recv conversational gain 8N	19.06 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3.2 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

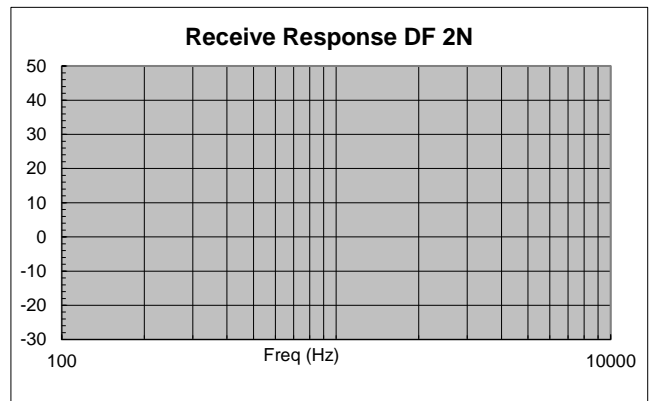
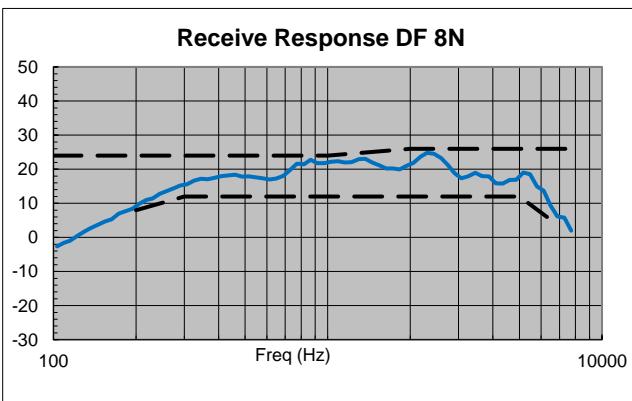
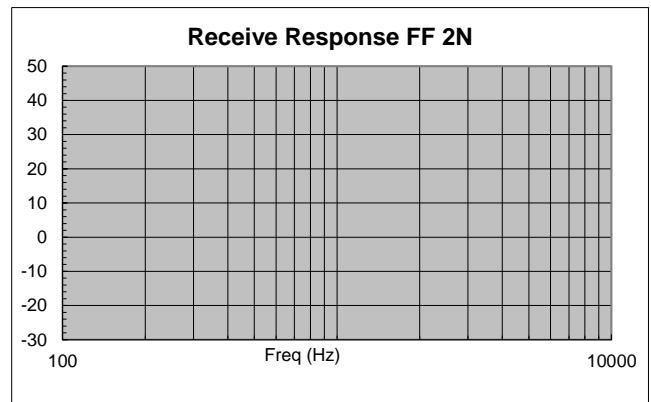
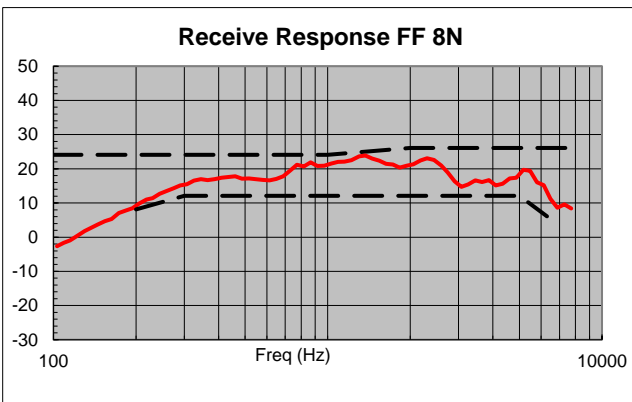
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-07
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.11 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.2 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.33 dB	info only		
	Recv conversational gain 8N	19.33 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3.8 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

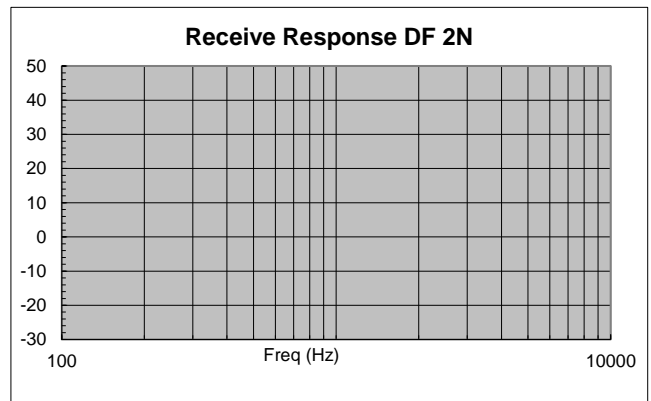
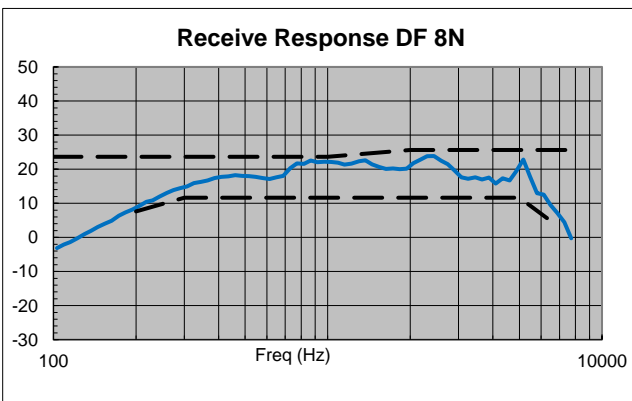
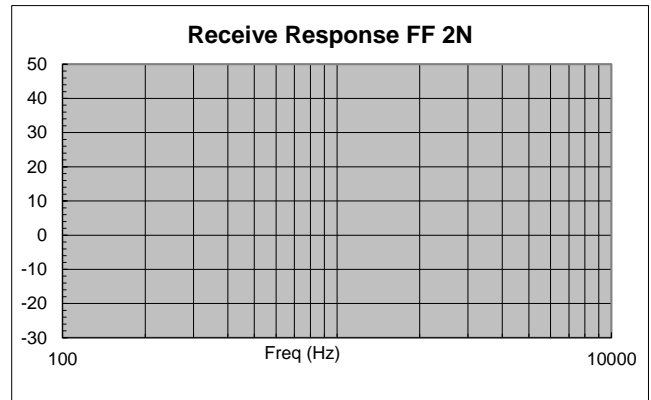
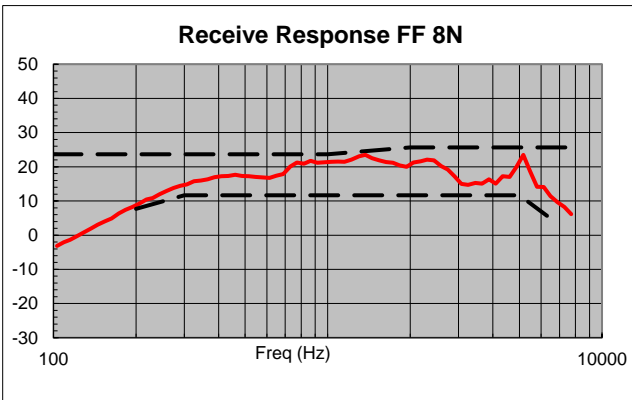
<b>Device Under Test:</b>	20231007_LTE 71 Ant.A_ch.133297_20MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-07
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.09 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.1 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.15 dB	info only		
	Recv conversational gain 8N	19.15 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3.9 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

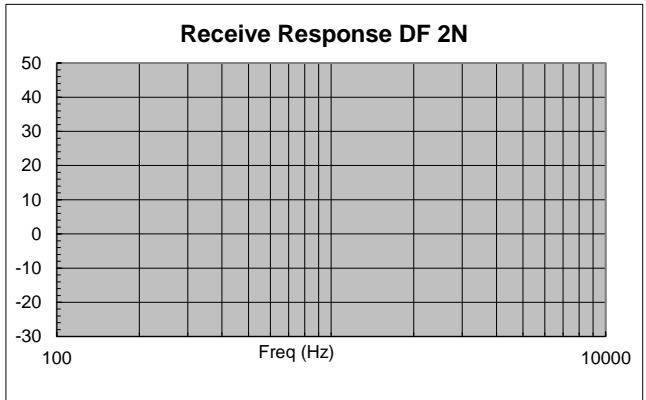
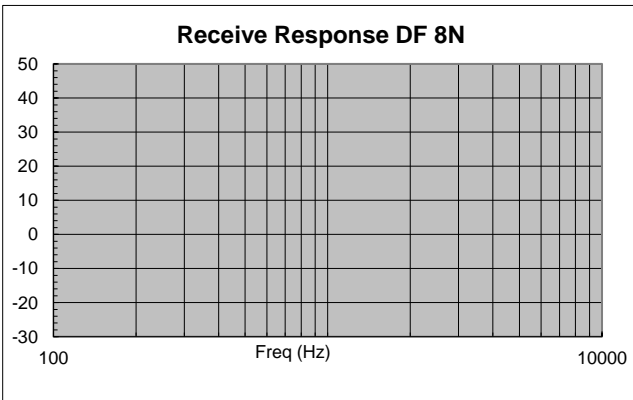
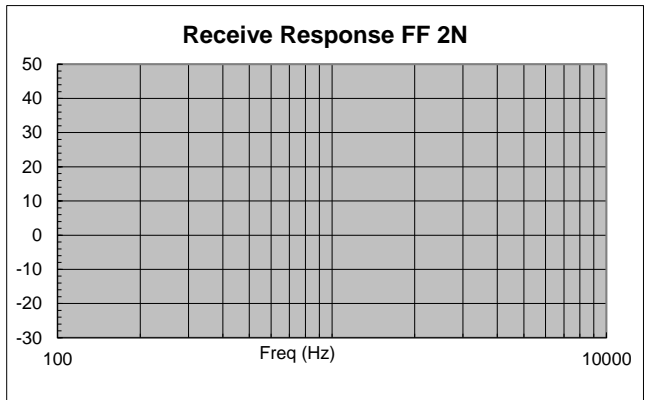
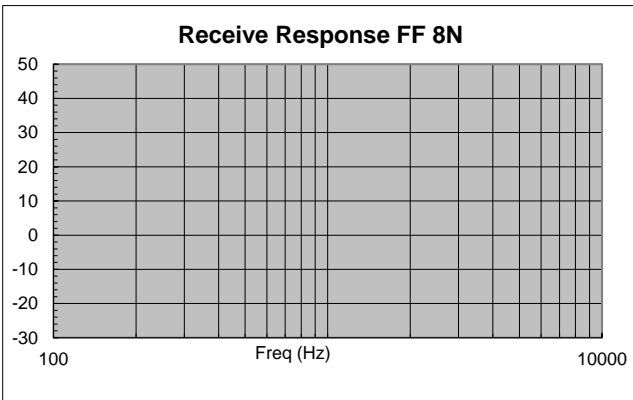
<b>Device Under Test:</b>	20231005_LTE 41 PC2 Ant.F_ch.40620_20MHz_RB1-0_EVS-WB 5.9 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-05
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	88.50 dB	info only		
	Recv conversational gain 8N	18.50 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				



## TIA-5050 Receive Volume Control Measurements

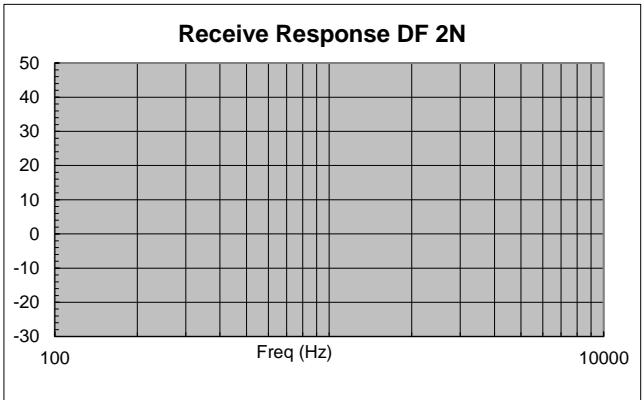
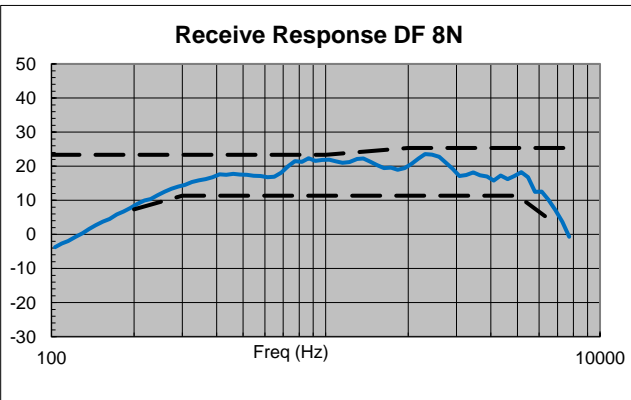
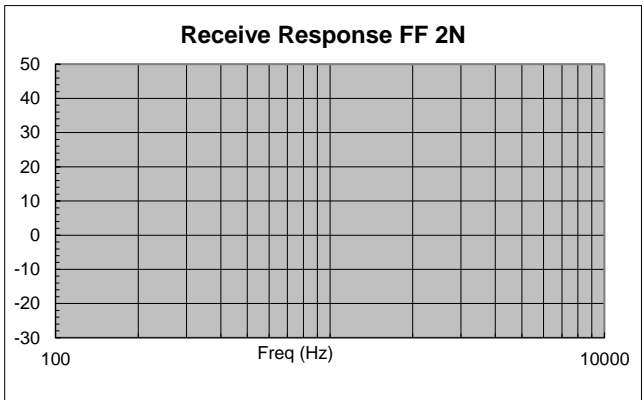
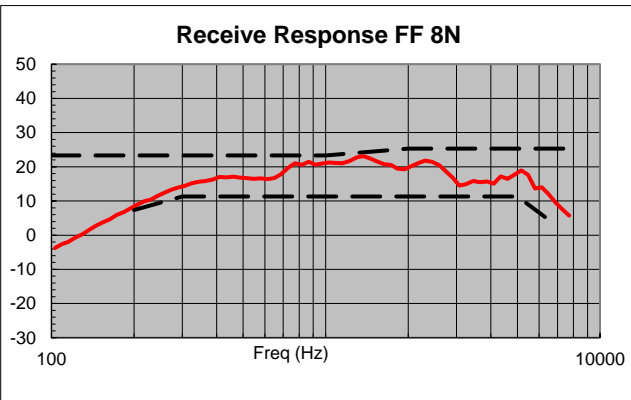
<b>Device Under Test:</b>	20231005_LTE 48 Ant.F_ch.55773_20MHz_QPSK_RB1-0_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-05
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.11 dB	Floating Limits	PASS	
	Recv resp DF 8N	1 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	88.73 dB	info only		
	Recv conversational gain 8N	18.73 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4.3 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

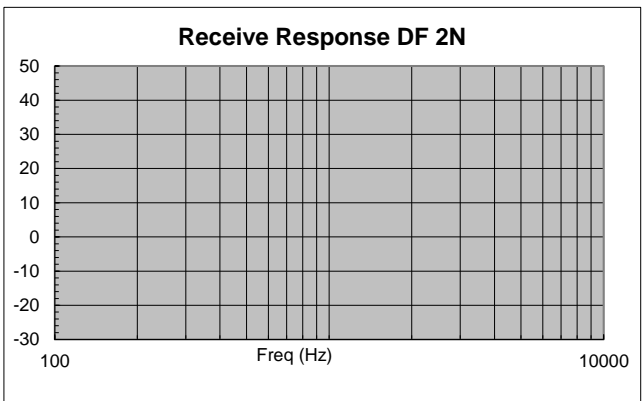
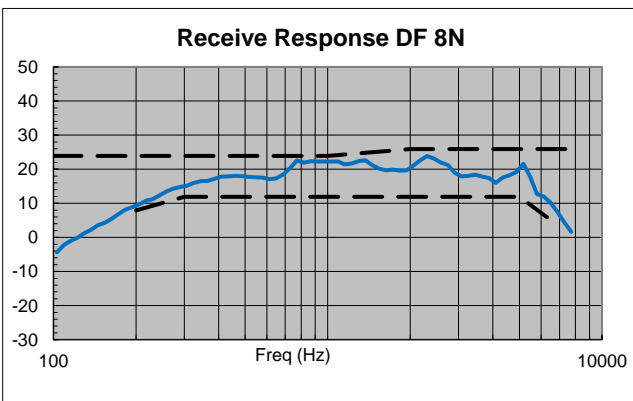
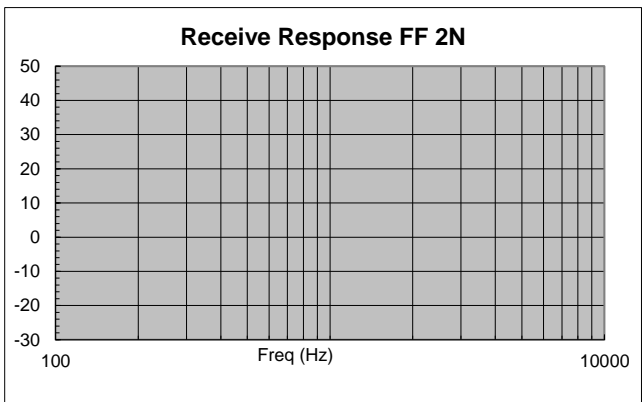
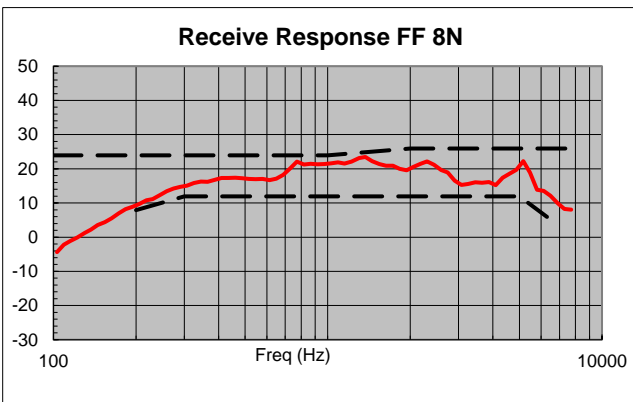
<b>Device Under Test:</b>	20231011_NR 7_Ant.F_ch.507000_40MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-11
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.39 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.4 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.17 dB	info only		
	Recv conversational gain 8N	19.17 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	5.8 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

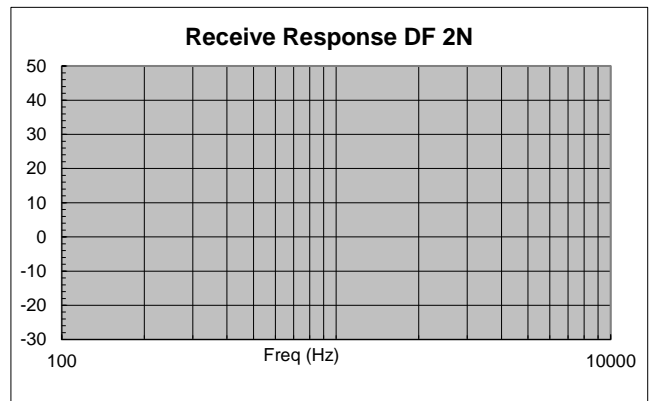
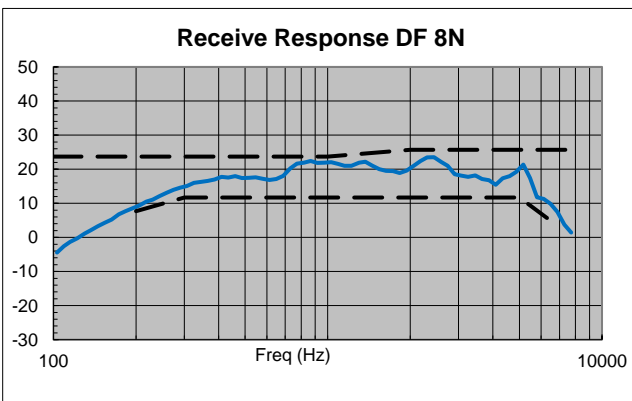
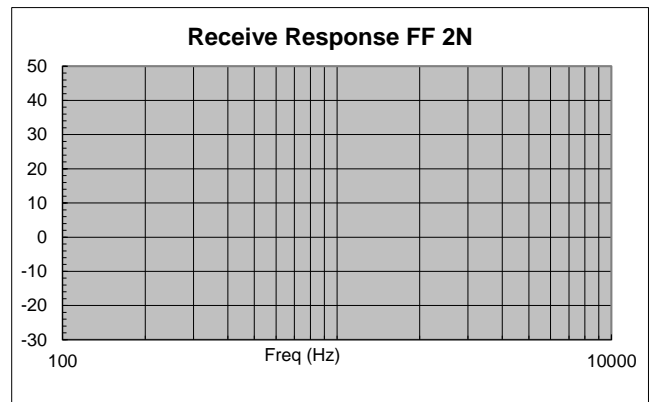
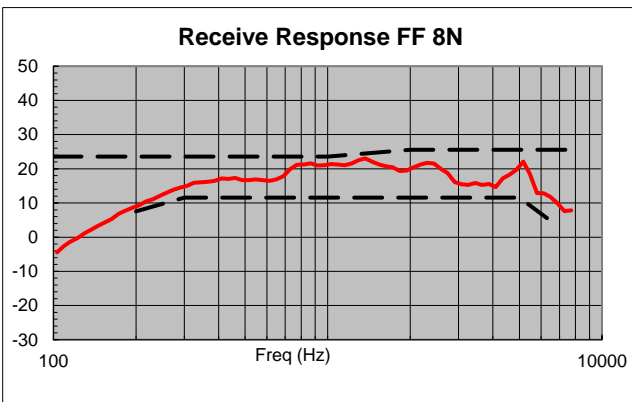
<b>Device Under Test:</b>	20231011_NR 12_Ant.E_ch.141500_15MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-11
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.44 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.3 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	88.87 dB	info only		
	Recv conversational gain 8N	18.87 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	5.1 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

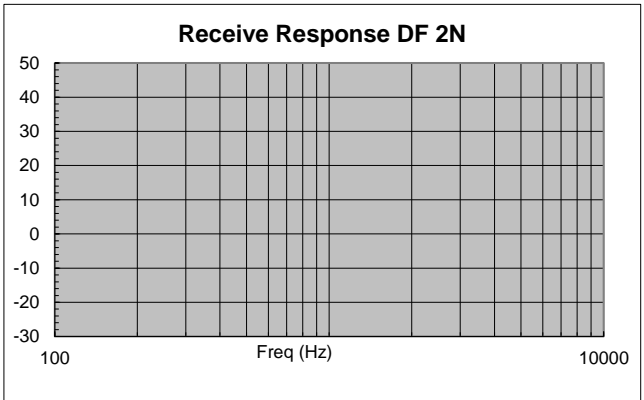
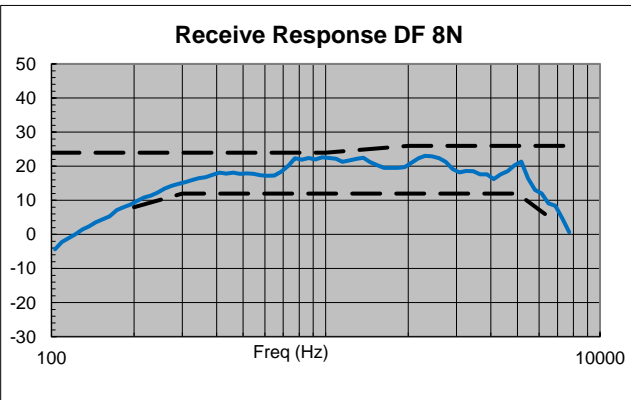
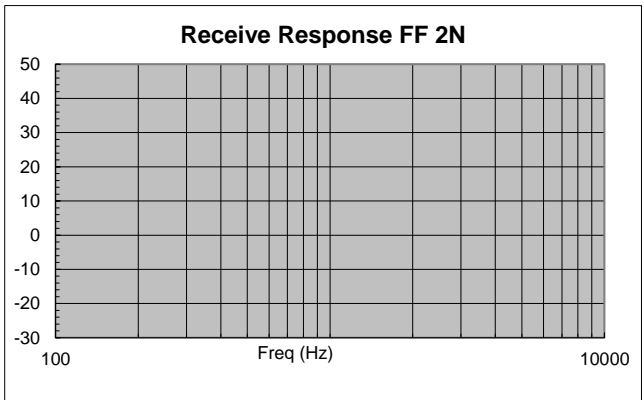
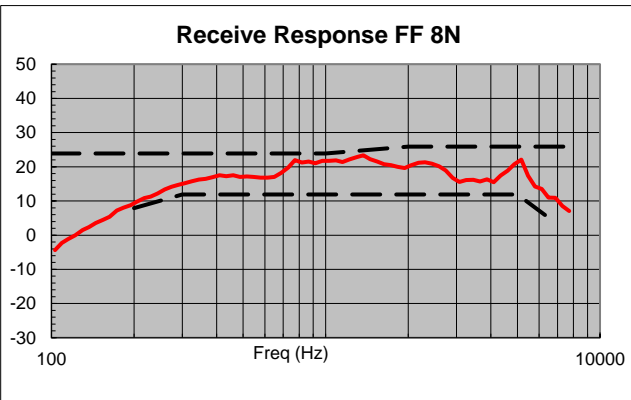
<b>Device Under Test:</b>	20231011_NR 25_Ant.F_ch.376500_40MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-11
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.44 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.3 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.16 dB	info only		
	Recv conversational gain 8N	19.16 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	5.2 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

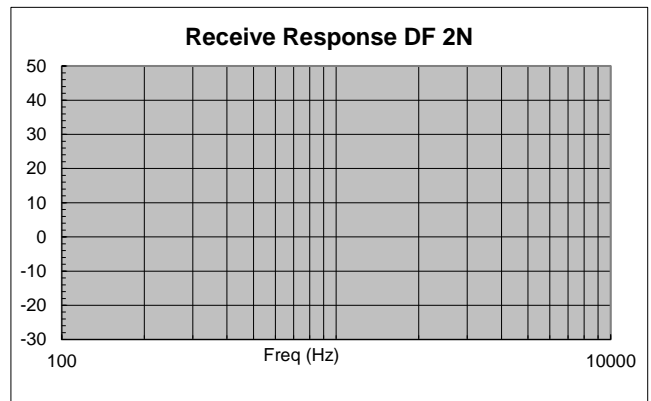
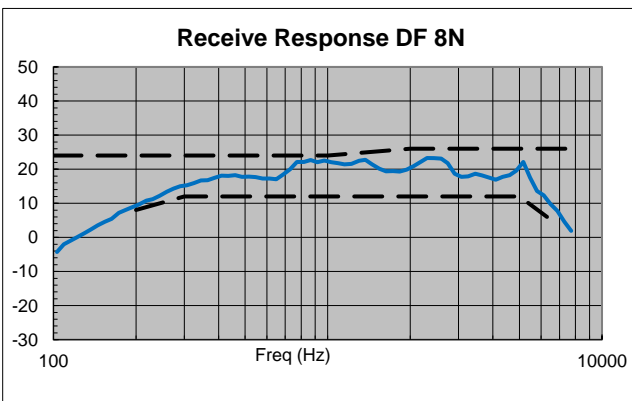
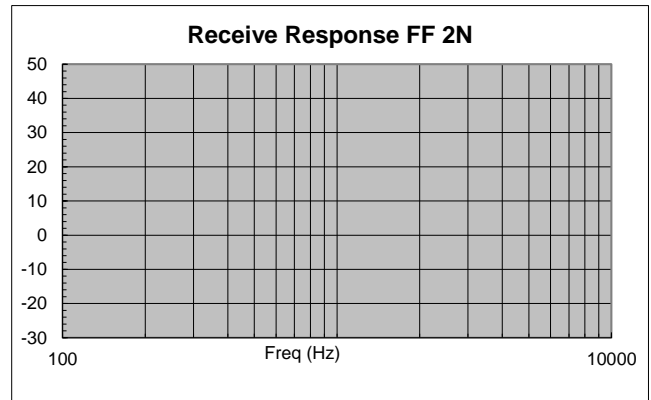
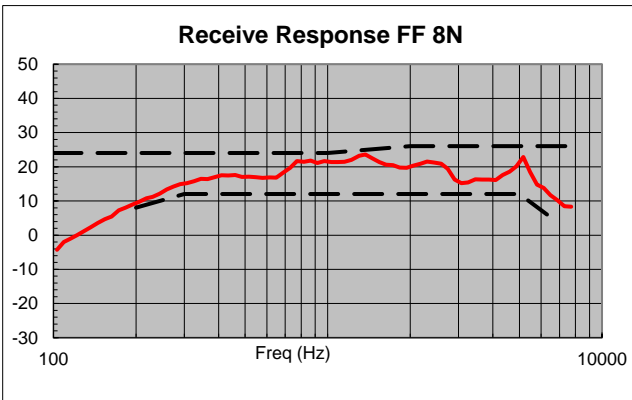
<b>Device Under Test:</b>	20231011_NR 26_Ant.E_ch.166300_20MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-11
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.33 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.3 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.14 dB	info only		
	Recv conversational gain 8N	19.14 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	6.9 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

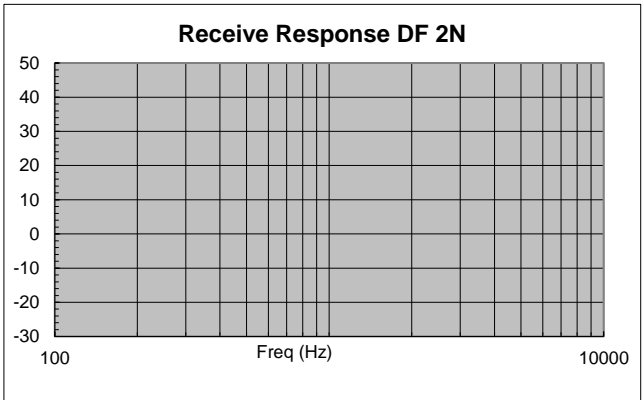
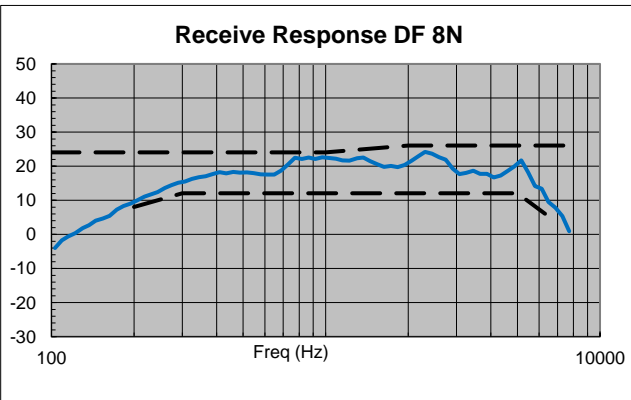
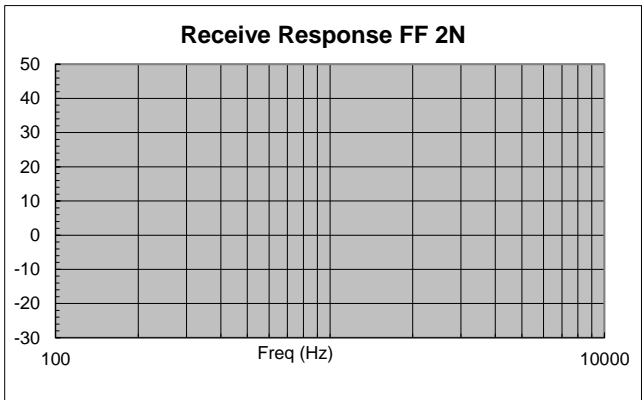
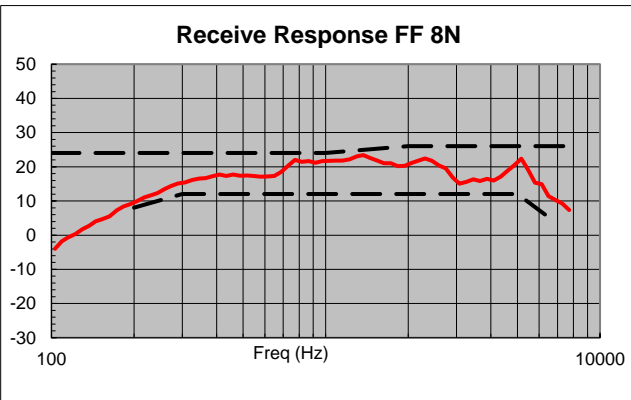
<b>Device Under Test:</b>	20231011_NR 30_Ant.F_ch.462000_10MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-11
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.53 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.5 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.39 dB	info only		
	Recv conversational gain 8N	19.39 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4.3 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

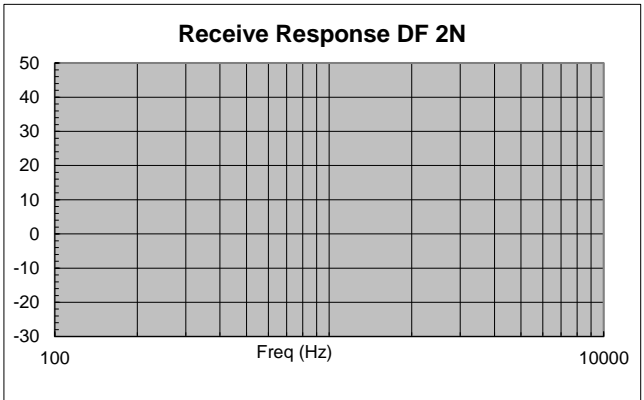
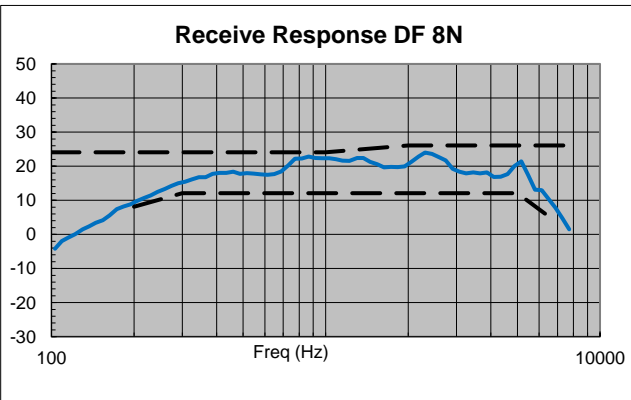
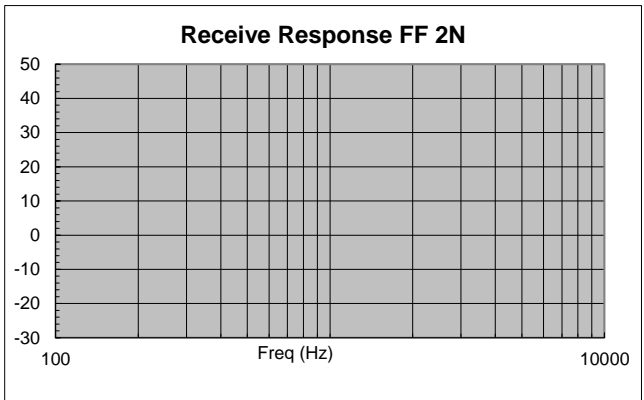
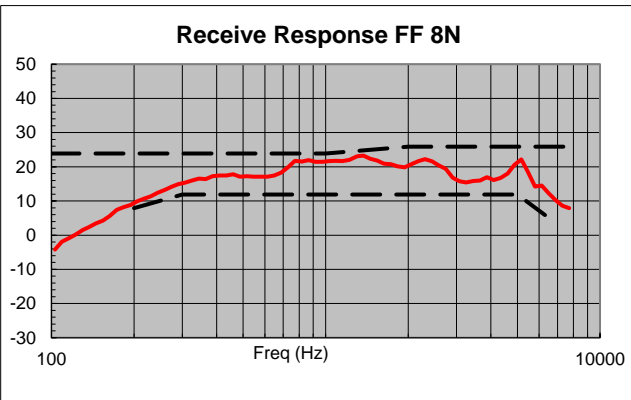
<b>Device Under Test:</b>	20231011_NR 66_Ant.F_ch.349000_40MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-11
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.51 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.3 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.28 dB	info only		
	Recv conversational gain 8N	19.28 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4.4 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

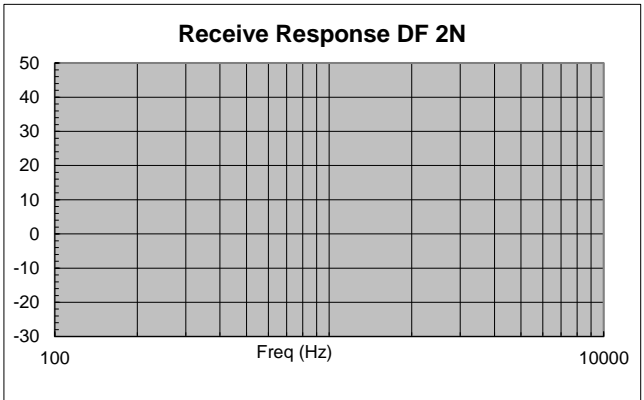
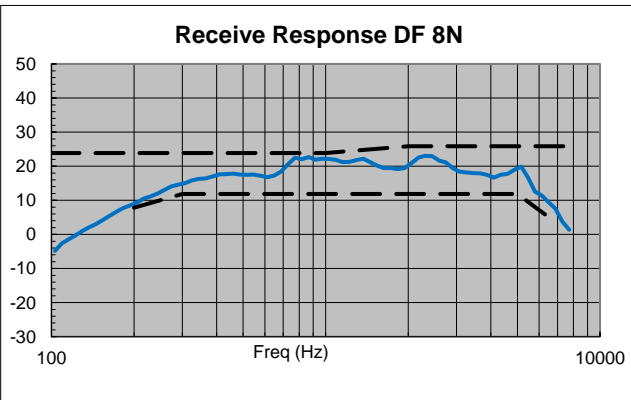
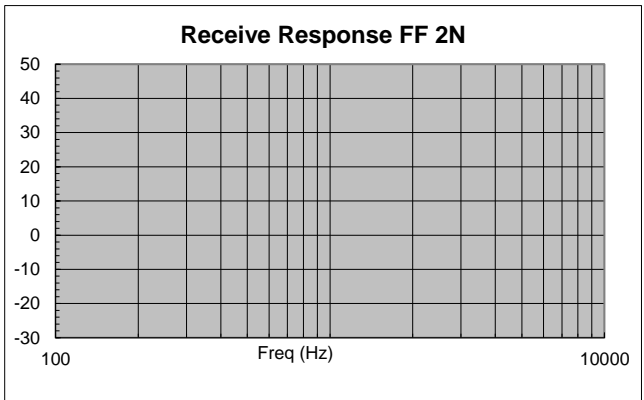
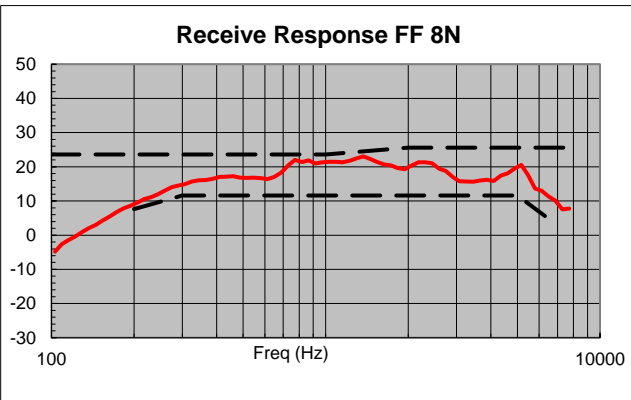
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-11
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.45 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.2 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	88.96 dB	info only		
	Recv conversational gain 8N	18.96 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				



## TIA-5050 Receive Volume Control Measurements

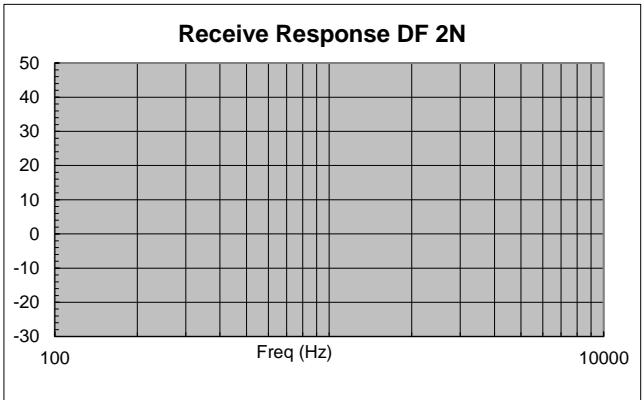
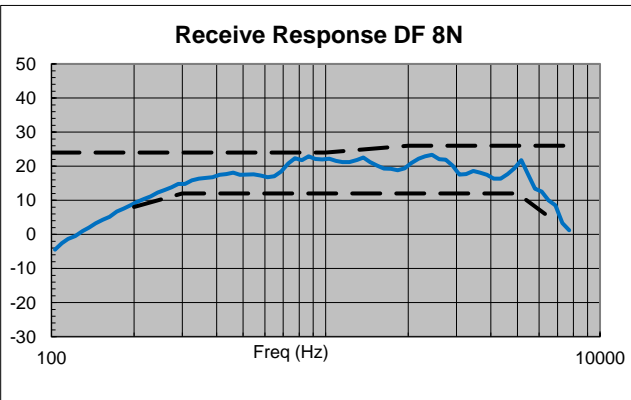
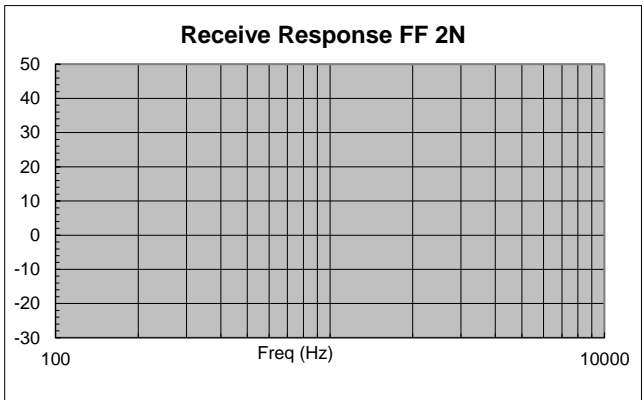
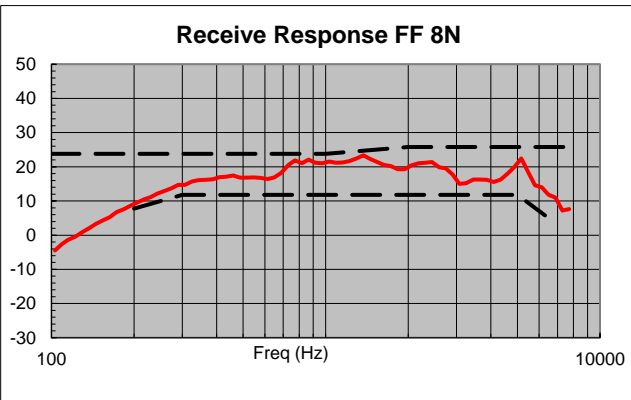
<b>Device Under Test:</b>	20231011_NR 71_Ant.E_ch.136100_20MHz_DFT-s-OFDM QPSK_RB1-1_EVS-WB 13.2 kbps_V-1_8N
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<b>Bandwidth:</b>	Wideband
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<b>Test Date:</b>	2023-10-11
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.32 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.1 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	88.94 dB	info only		
	Recv conversational gain 8N	18.94 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

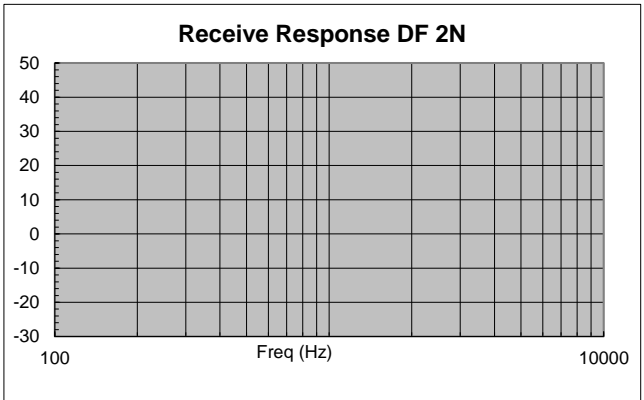
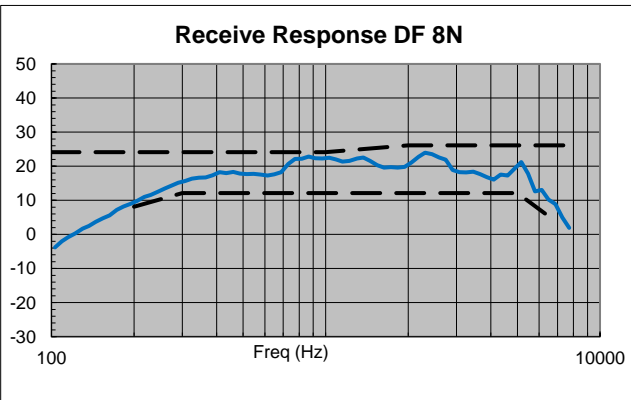
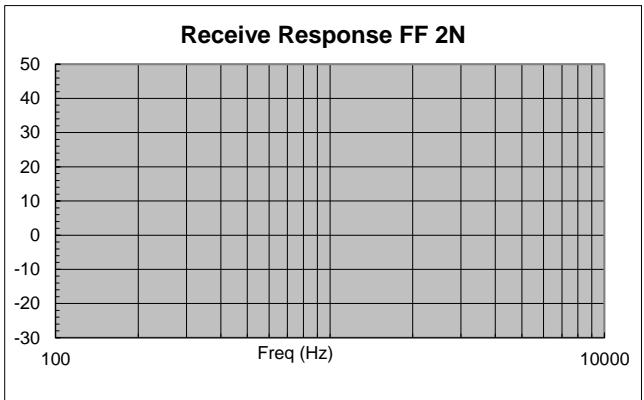
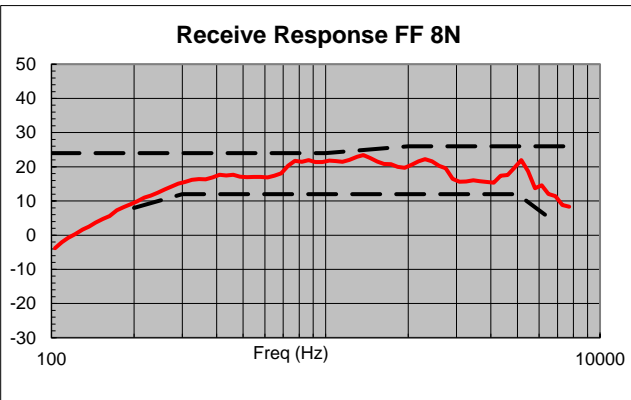
<b>Device Under Test:</b>	20231011_NR 41 PC2_Ant.B_EVS-WB 13.2 kbps_ch.518598_100MHz_DFT-s-OFDM QPSK_RB1-1_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-11
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.48 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.3 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.24 dB	info only		
	Recv conversational gain 8N	19.24 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	5 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

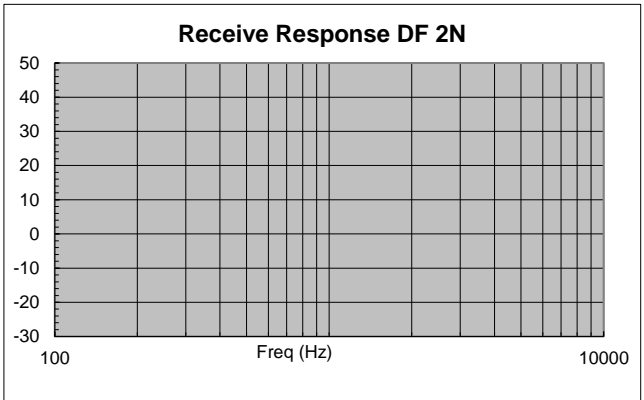
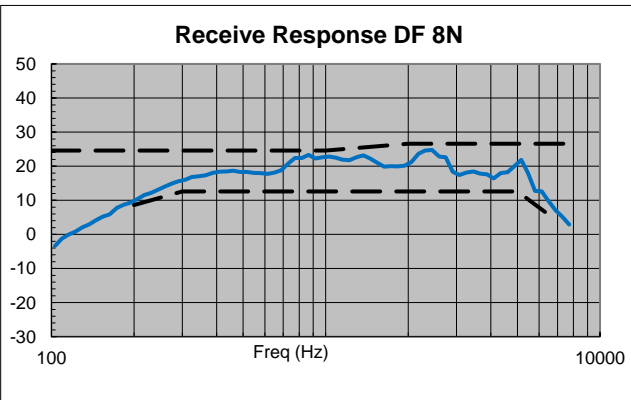
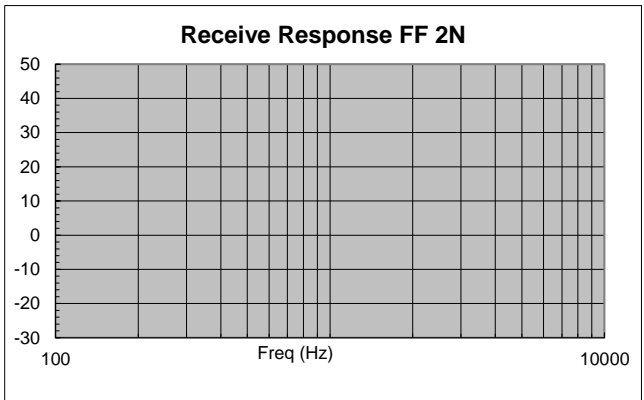
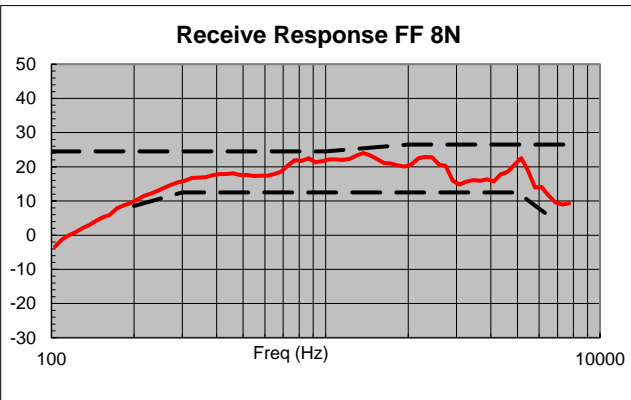
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-12
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.39 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.3 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.68 dB	info only		
	Recv conversational gain 8N	19.68 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3.7 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

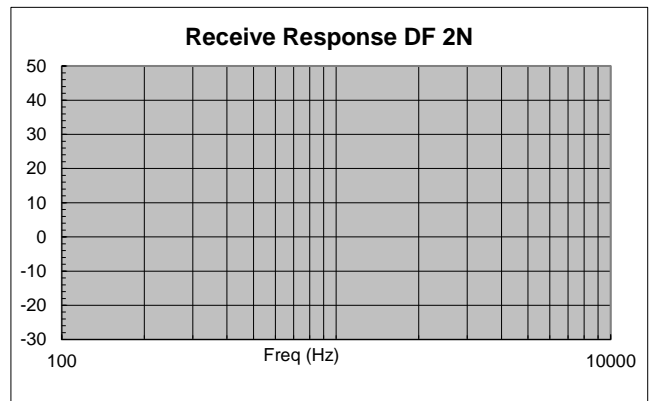
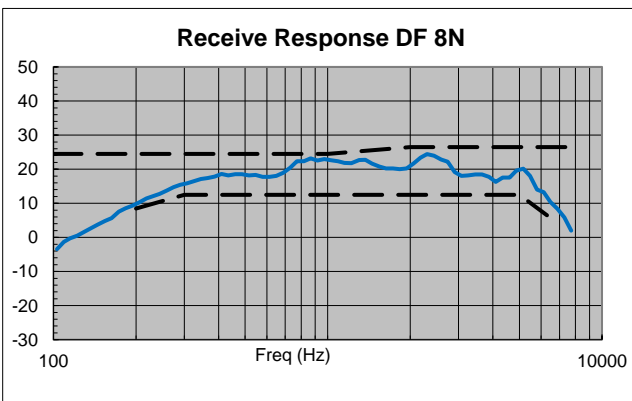
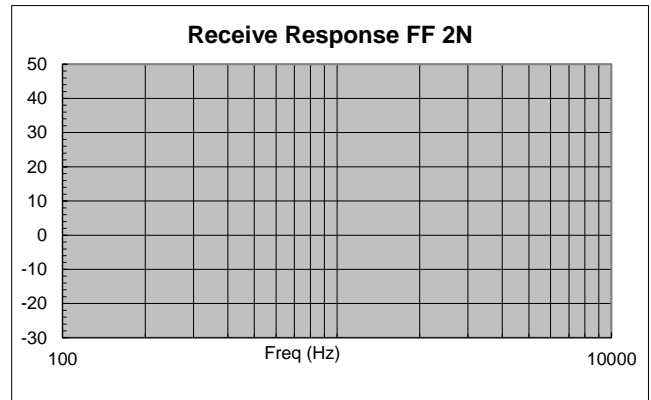
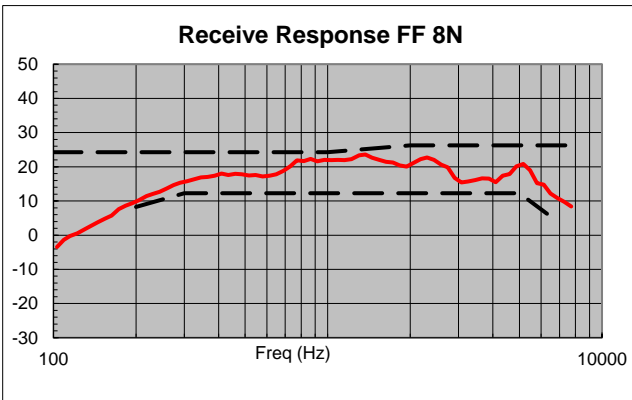
<b>Device Under Test:</b>	20231012_NR 77_Ant.F_EVS-WB 13.2 kbps_ch.650000_100MHz_DFT-s-OFDM QPSK_RB1-1_V-1_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-12
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.58 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.3 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.61 dB	info only		
	Recv conversational gain 8N	19.61 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3.6 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

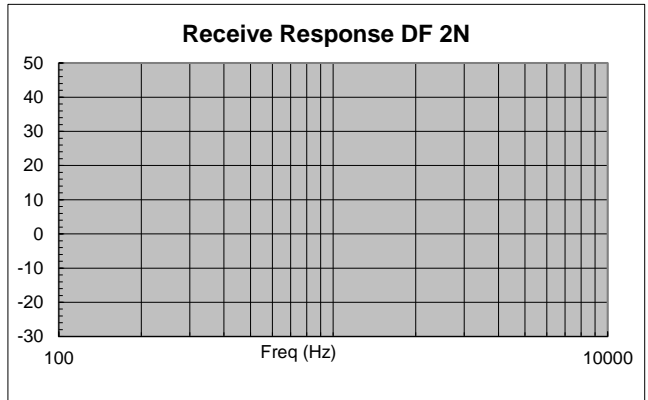
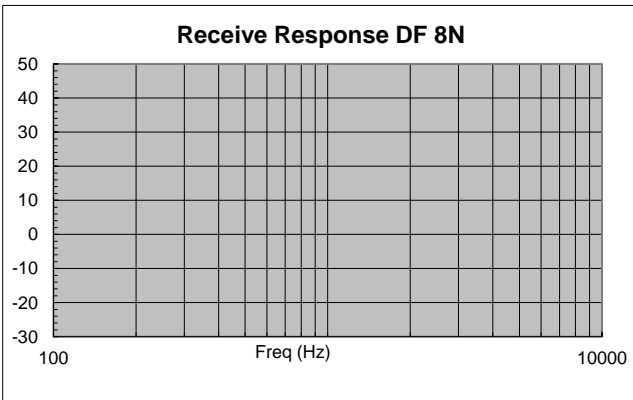
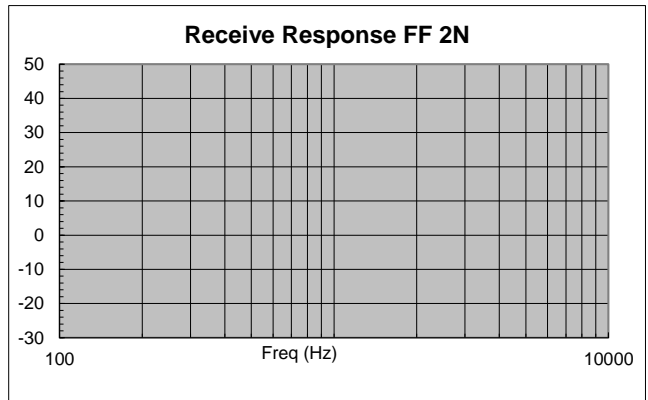
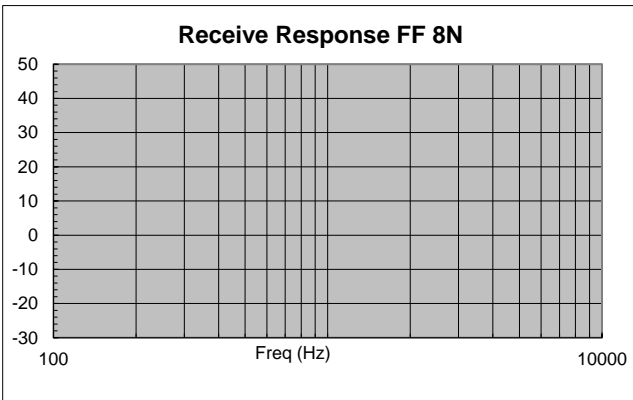
<b>Device Under Test:</b>	20231022_802.11b_EVS-WB 5.9 kbps_ch.6_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-22
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	88.96 dB	info only		
	Recv conversational gain 8N	18.96 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

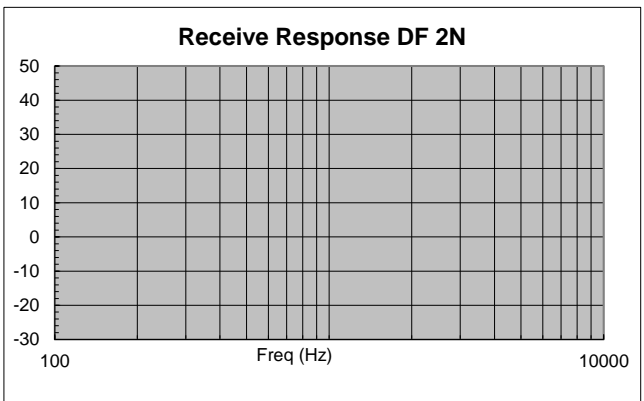
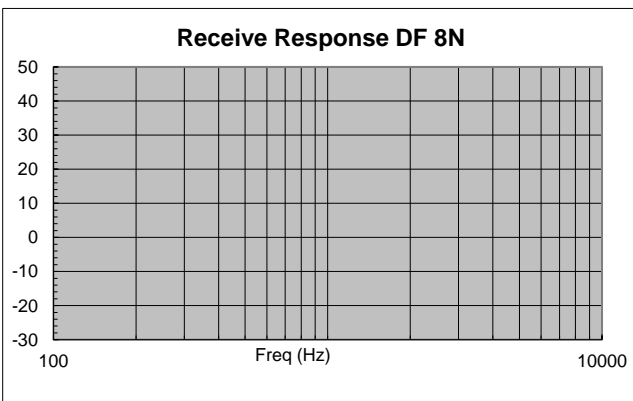
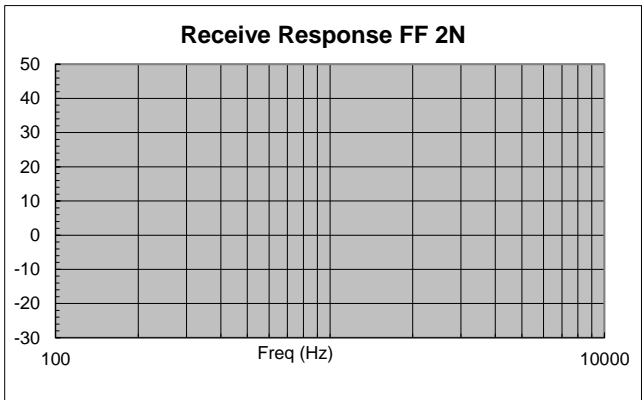
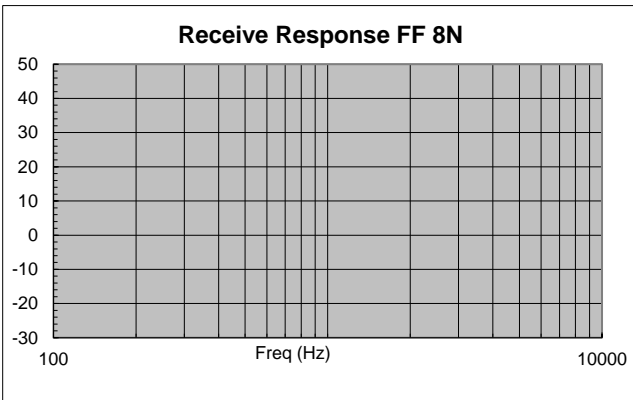
<b>Device Under Test:</b>	20231022_802.11a_EVS-WB 5.9 kbps_ch.40_8N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-22
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N Recv resp DF 8N Recv resp FF 2N Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	88.85 dB	info only		
	Recv conversational gain 8N	18.85 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N				
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

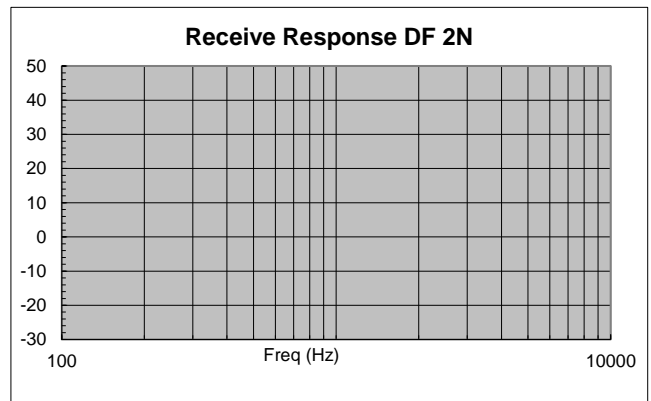
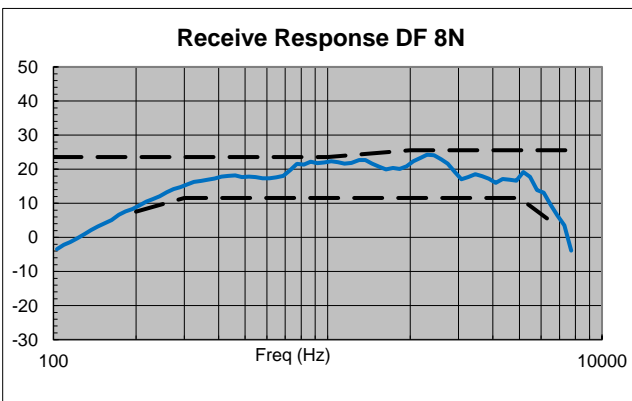
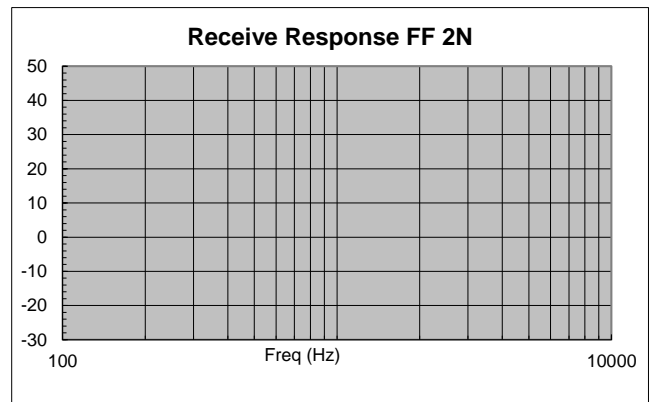
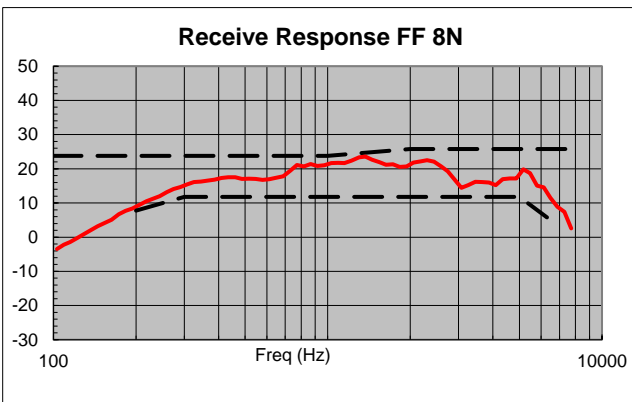
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-20
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.12 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.3 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.19 dB	info only		
	Recv conversational gain 8N	19.19 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

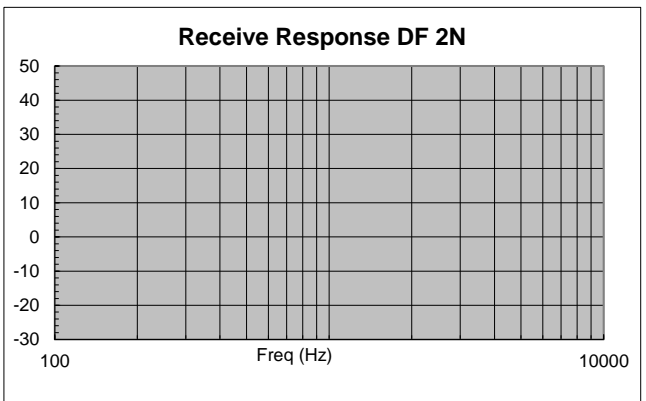
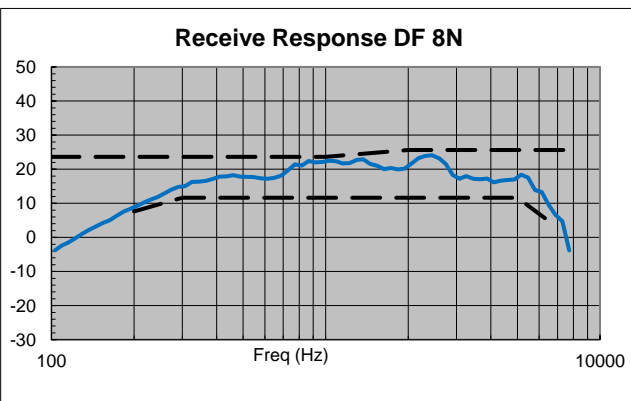
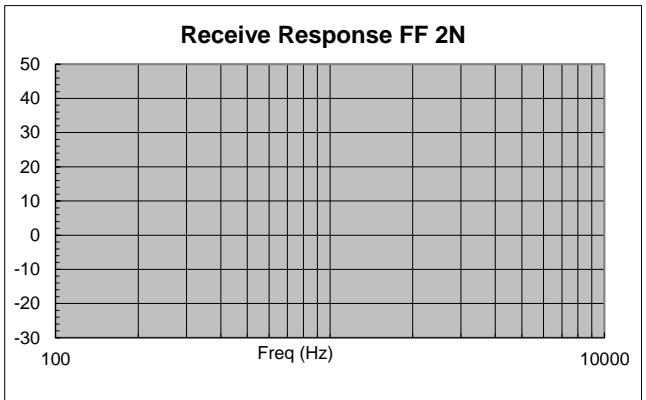
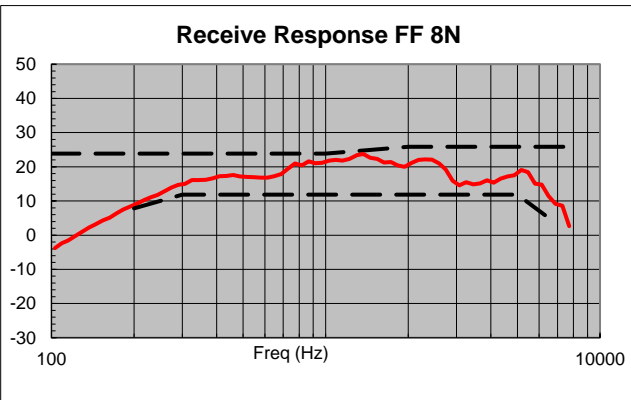
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-20
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.02 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.2 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.19 dB	info only		
	Recv conversational gain 8N	19.19 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				



## TIA-5050 Receive Volume Control Measurements

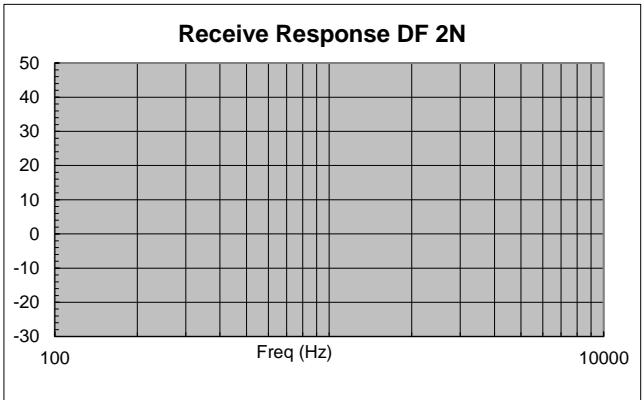
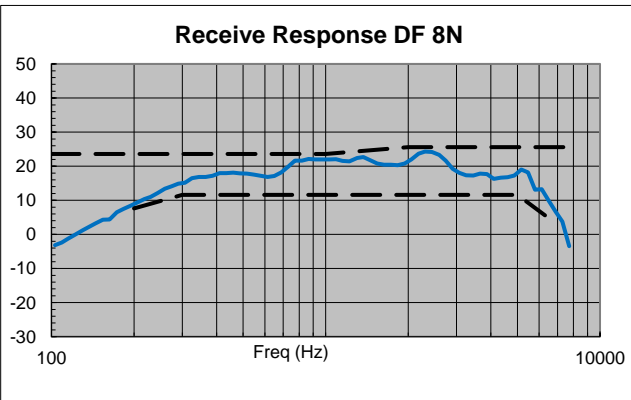
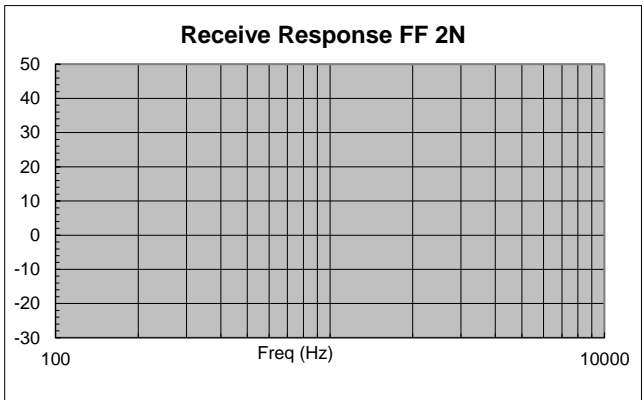
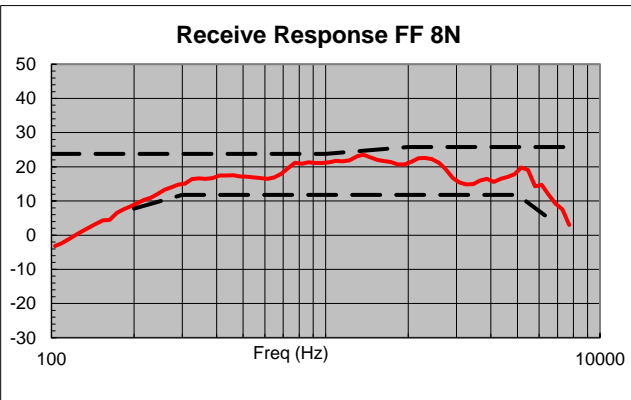
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-20
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.14 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.3 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.17 dB	info only		
	Recv conversational gain 8N	19.17 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	3 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				

## TIA-5050 Receive Volume Control Measurements

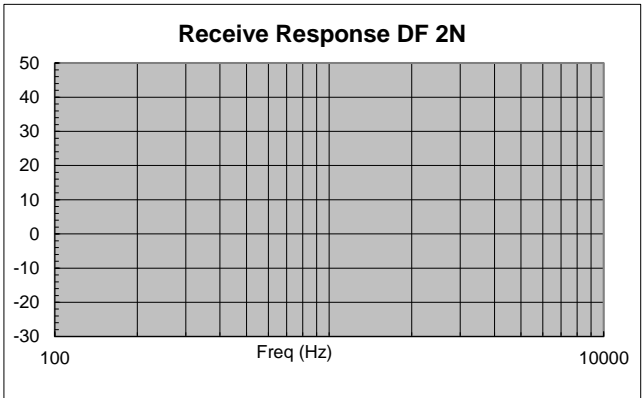
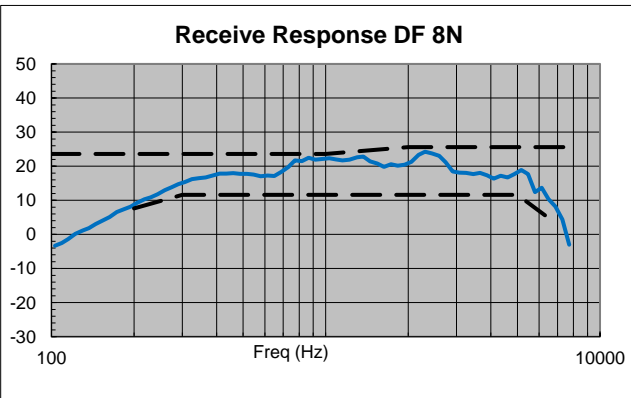
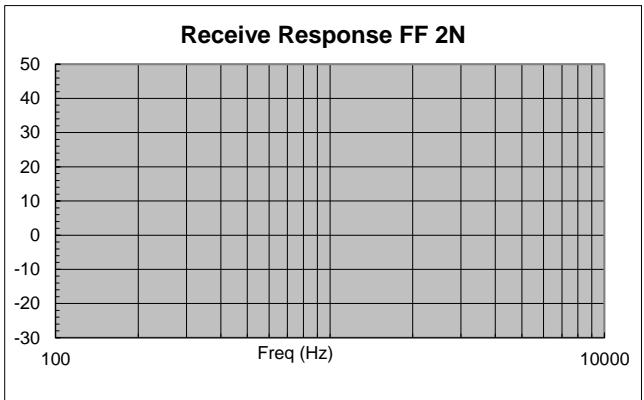
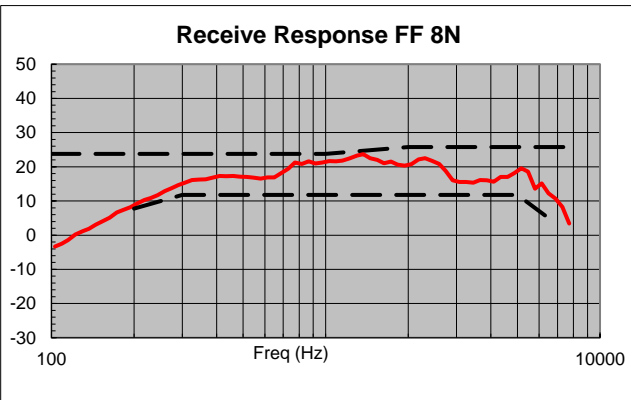
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2023-10-20
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### Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	0.99 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.1 dB	Floating Limits	PASS	
	Recv resp FF 2N				
	Recv resp DF 2N				



### Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	89.13 dB	info only		
	Recv conversational gain 8N	19.13 dB	18.00	PASS	
	Recv output level dBSPL 2N				
	Recv conversational gain 2N				

### Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4.8 dB	Absolute Limits	PASS	
	Recv PN-SDNR 2N				