

## Appendix A

### RF Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Wireless Earphone

Trade Mark: TECNO

Test Model: A2 se

FCC ID: 2ADYY-A2SE

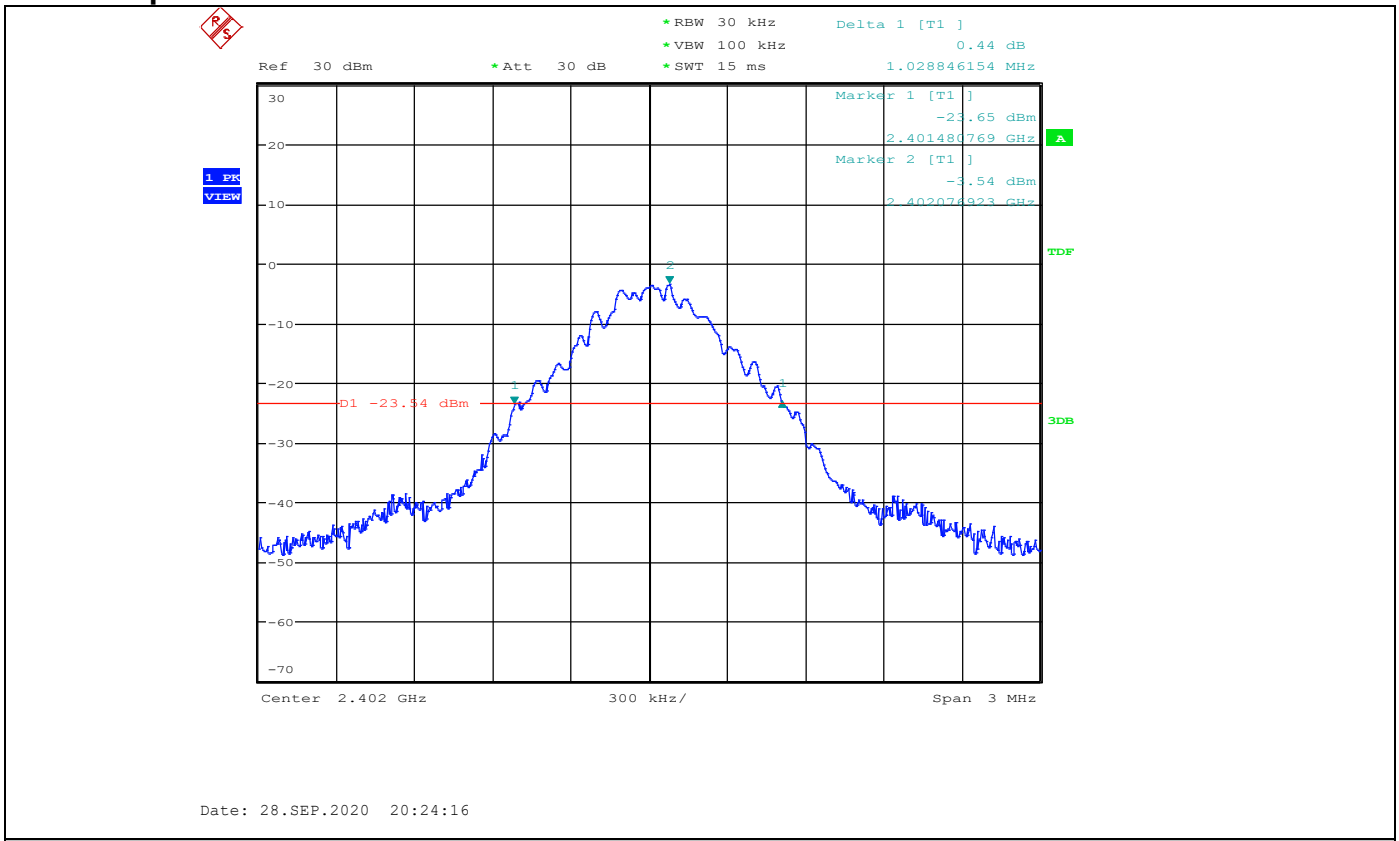
### Environmental Conditions

Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Nancy Li
Supervised by:	Hugo Chen

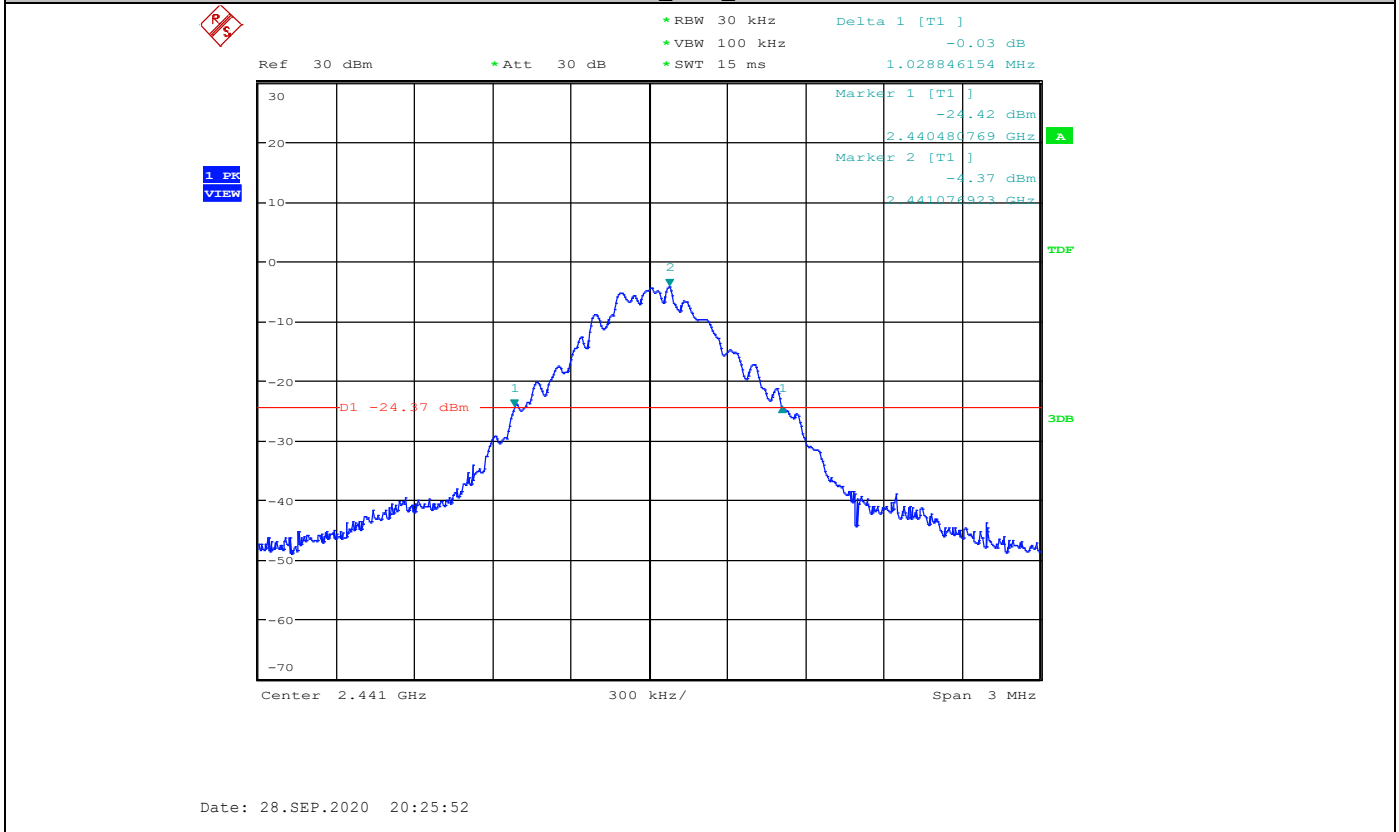
#### A.1 20 dB Bandwidth

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.029	2401.481	2402.077	---	PASS
		2441	1.029	2440.481	2441.077	---	PASS
		2480	1.029	2479.481	2480.077	---	PASS
2DH5	Ant1	2402	1.365	2401.332	2401.832	---	PASS
		2441	1.361	2440.337	2440.832	---	PASS
		2480	1.361	2479.337	2479.837	---	PASS
3DH5	Ant1	2402	1.351	2401.337	2402.394	---	PASS
		2441	1.346	2440.341	2441.139	---	PASS
		2480	1.346	2479.341	2480.120	---	PASS

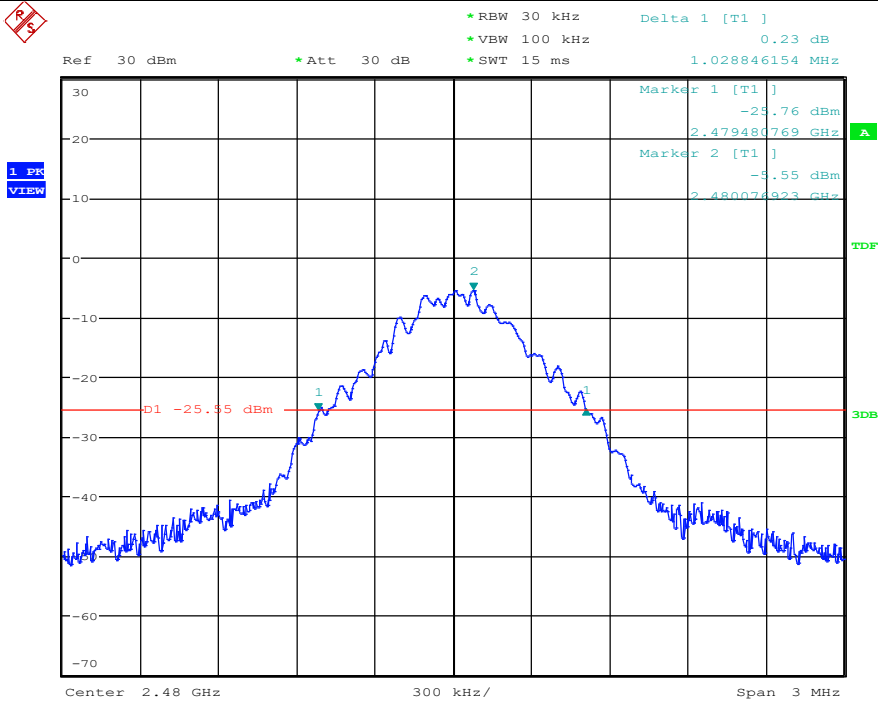
### Test Graph



### DH5\_Ant1\_2402

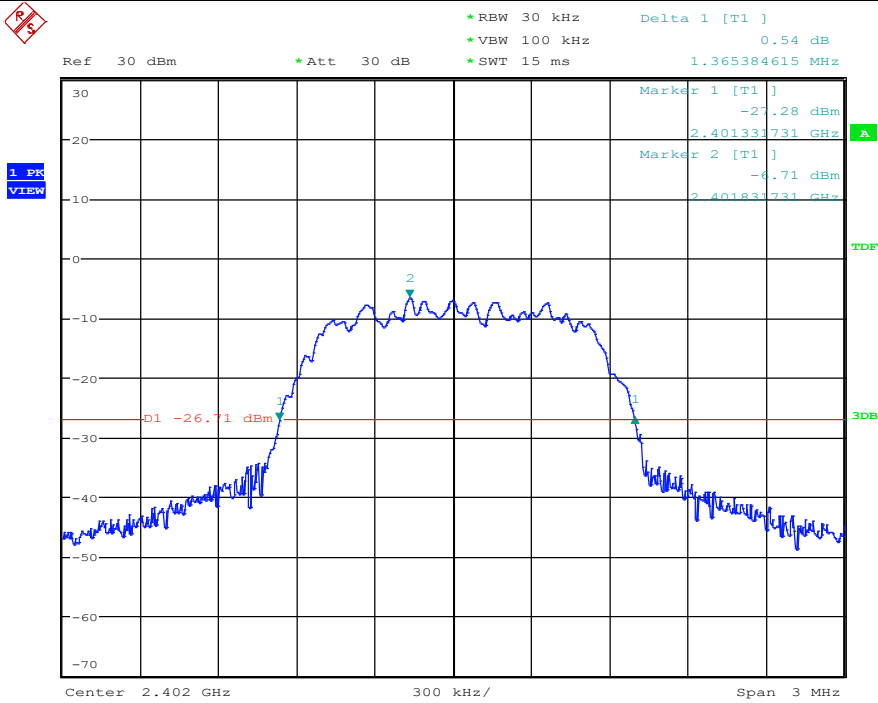


### DH5\_Ant1\_2441



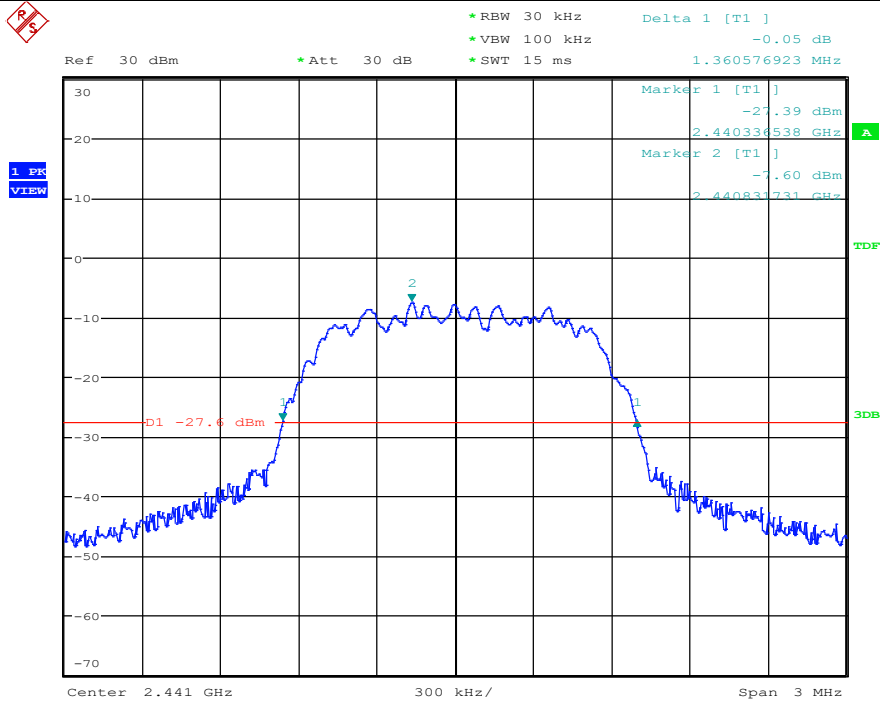
Date: 28.SEP.2020 20:26:54

DH5\_Ant1\_2480



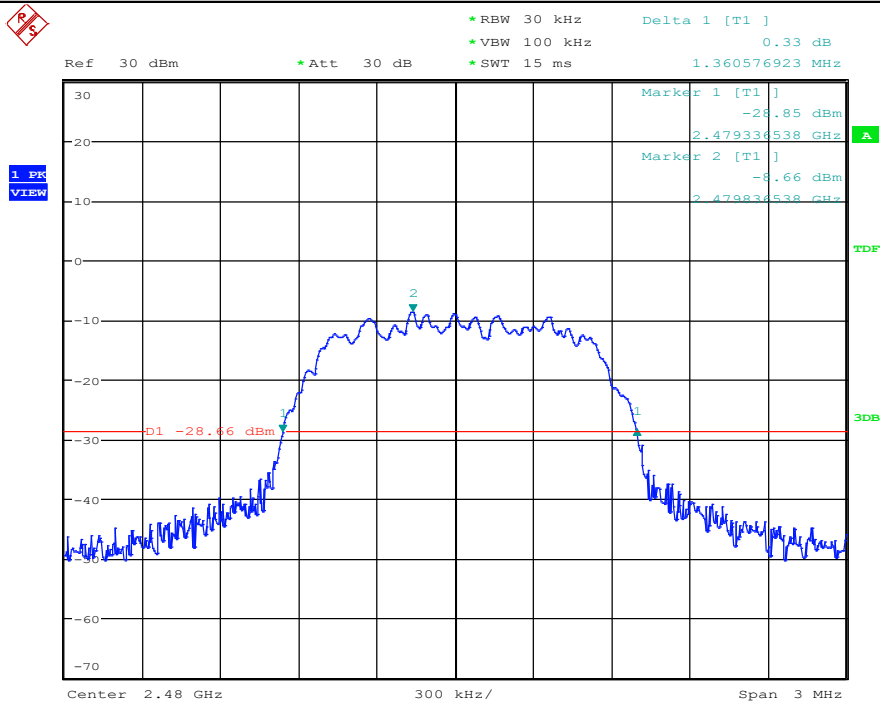
Date: 28.SEP.2020 20:30:48

2DH5\_Ant1\_2402



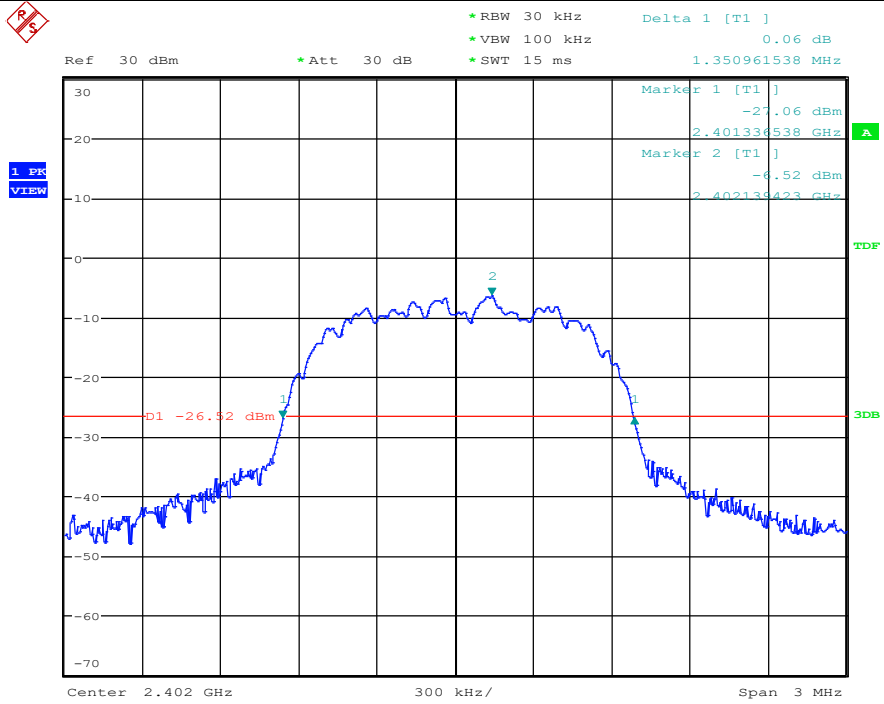
Date: 28.SEP.2020 20:29:20

2DH5\_Ant1\_2441



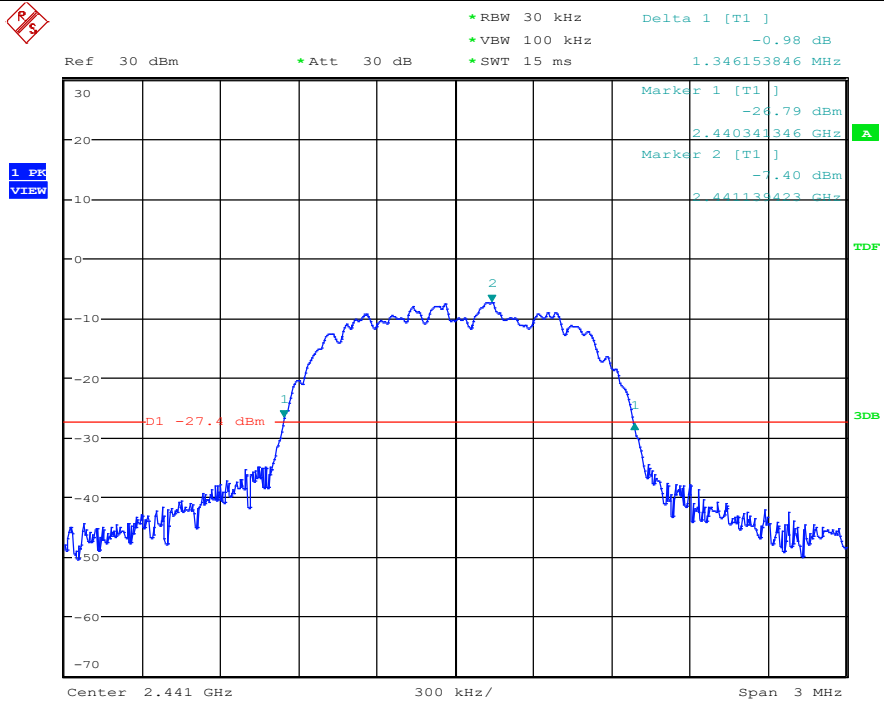
Date: 28.SEP.2020 20:27:49

2DH5\_Ant1\_2480



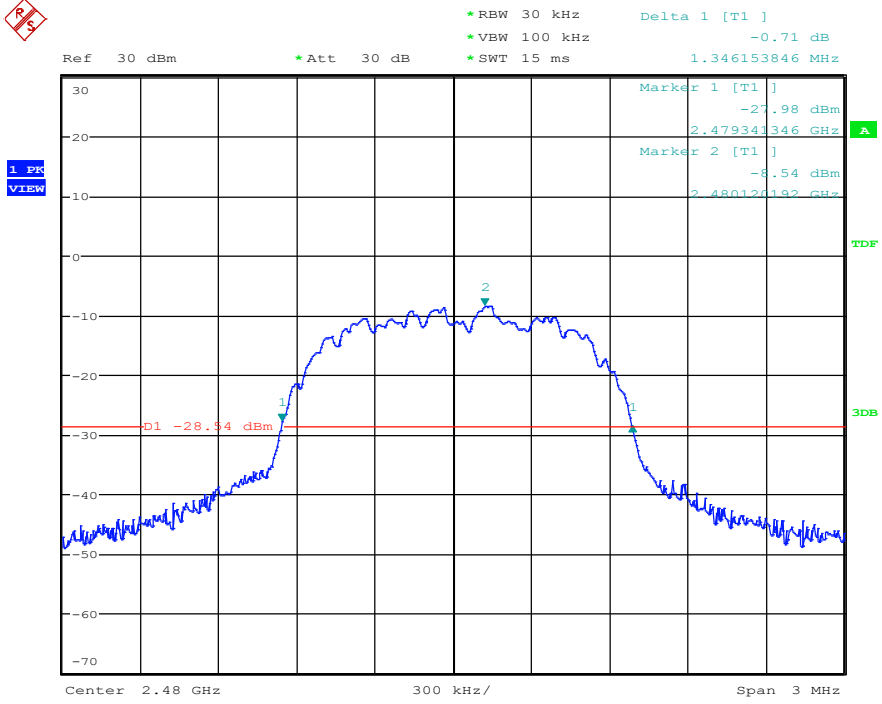
Date: 28.SEP.2020 20:32:01

3DH5\_Ant1\_2402



Date: 28.SEP.2020 20:33:05

3DH5\_Ant1\_2441



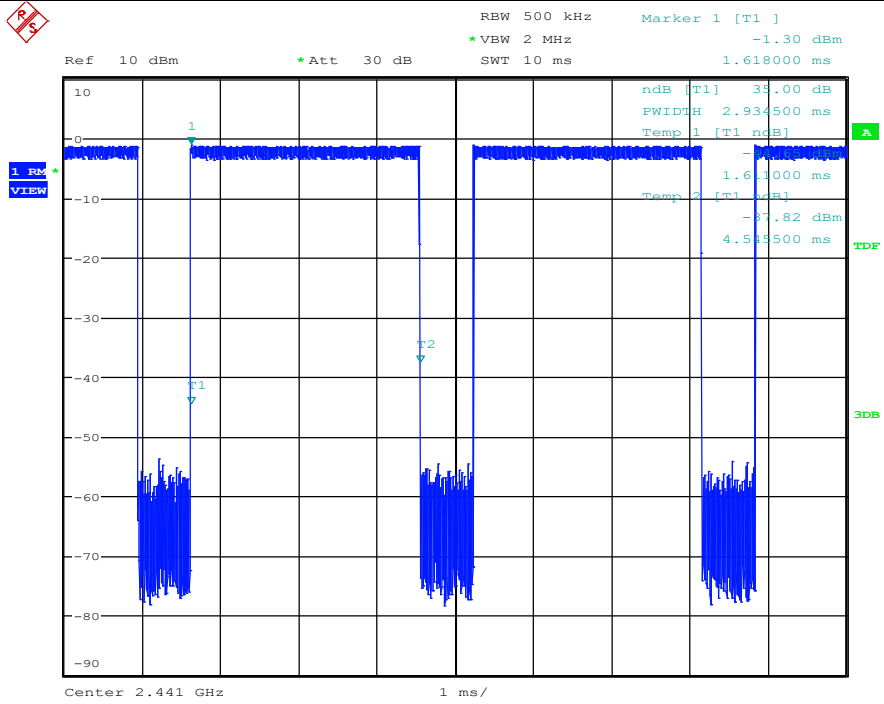
Date: 28.SEP.2020 20:36:18

3DH5\_Ant1\_2480

**A.2 Dwell Time**

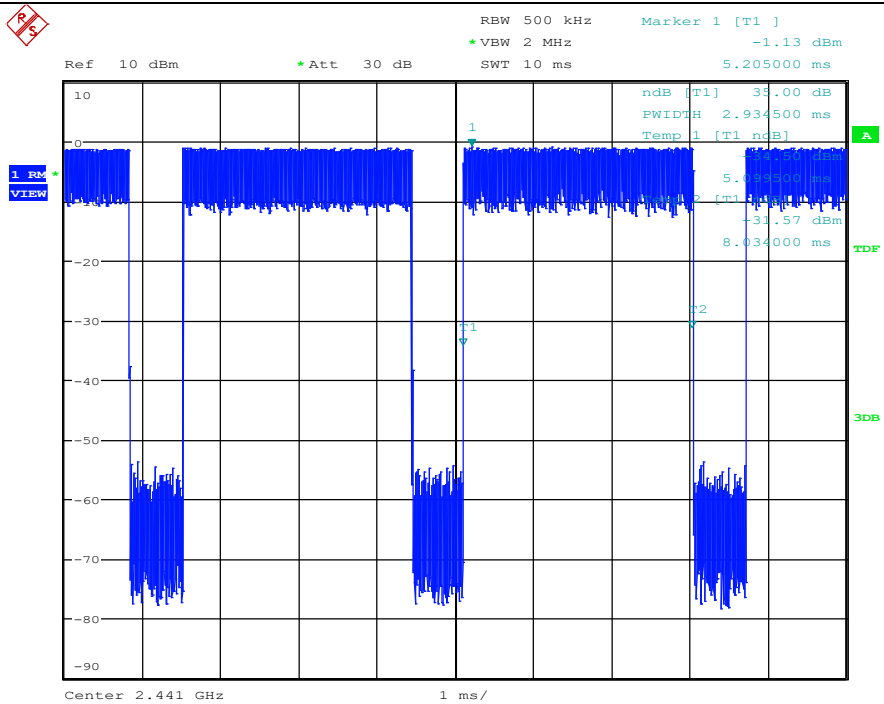
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.935	106.7	0.313	<=0.4	PASS
2DH5	Ant1	Hop	2.935	106.7	0.313	<=0.4	PASS
3DH5	Ant1	Hop	2.936	106.7	0.313	<=0.4	PASS

### Test Graph



Date: 28.SEP.2020 20:02:45

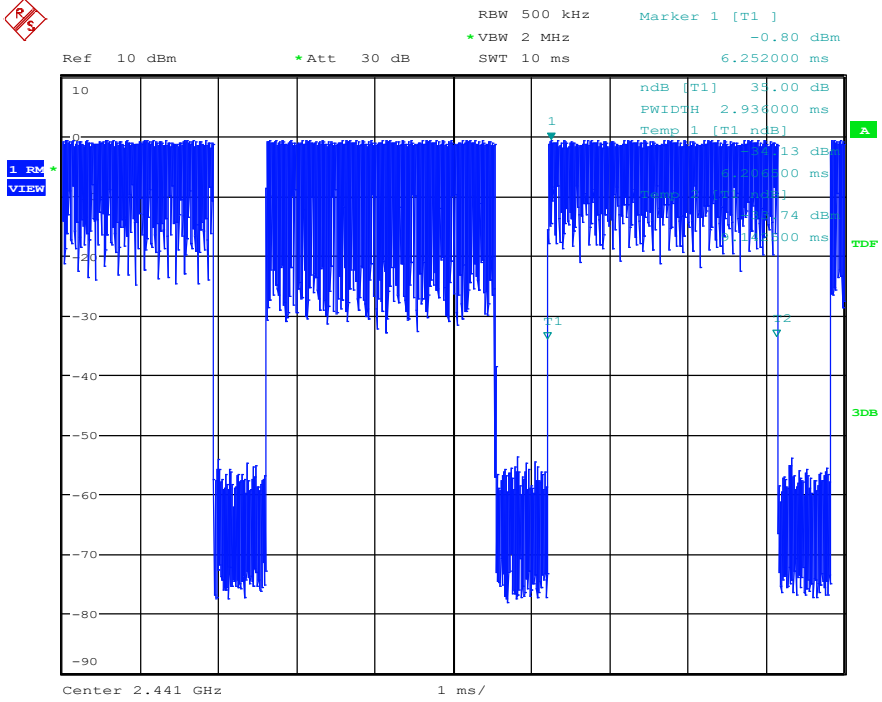
### DH5\_Ant1\_Hop



Date: 28.SEP.2020 20:04:58

### 2DH5\_Ant1\_Hop





Date: 28.SEP.2020 20:07:27

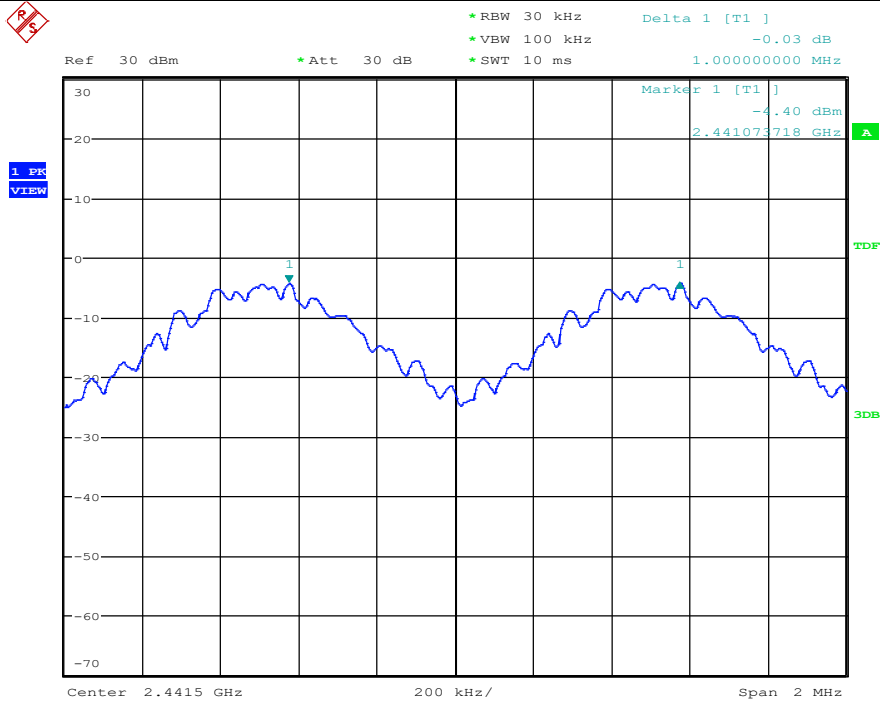
3DH5\_Ant1\_Hop

### A.3 Carrier Frequency Separation

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.000	2/3 *20dB BW	PASS
2DH5	Ant1	Hop	1.003	2/3 *20dB BW	PASS
3DH5	Ant1	Hop	1.000	2/3 *20dB BW	PASS

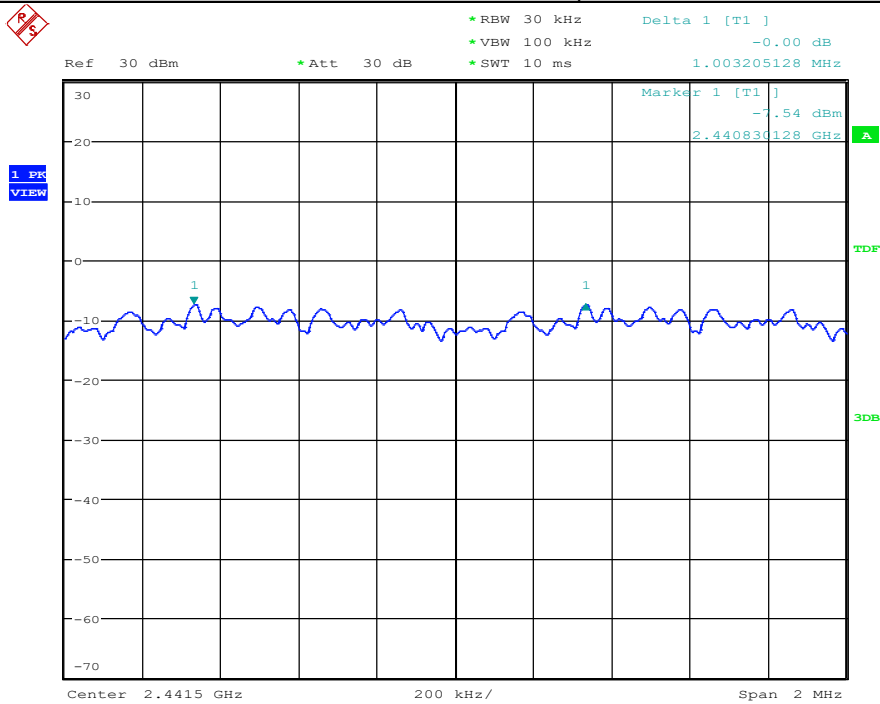
*Note: 20db bandwidth refer to section A.1*

### Test Graph



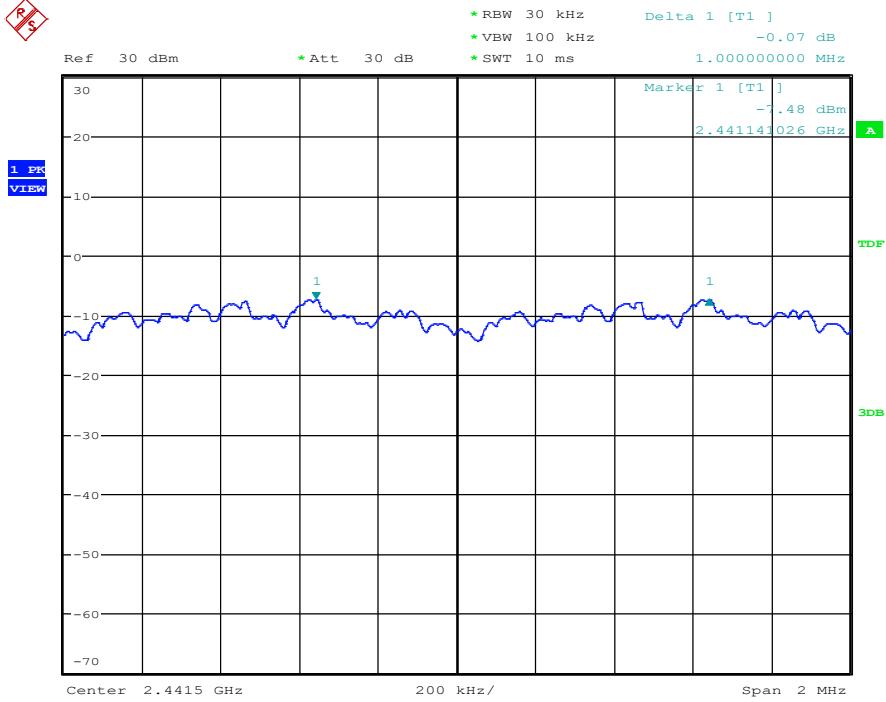
Date: 28.SEP.2020 20:47:27

### DH5\_Ant1\_Hop



Date: 28.SEP.2020 20:43:31

### 2DH5\_Ant1\_Hop



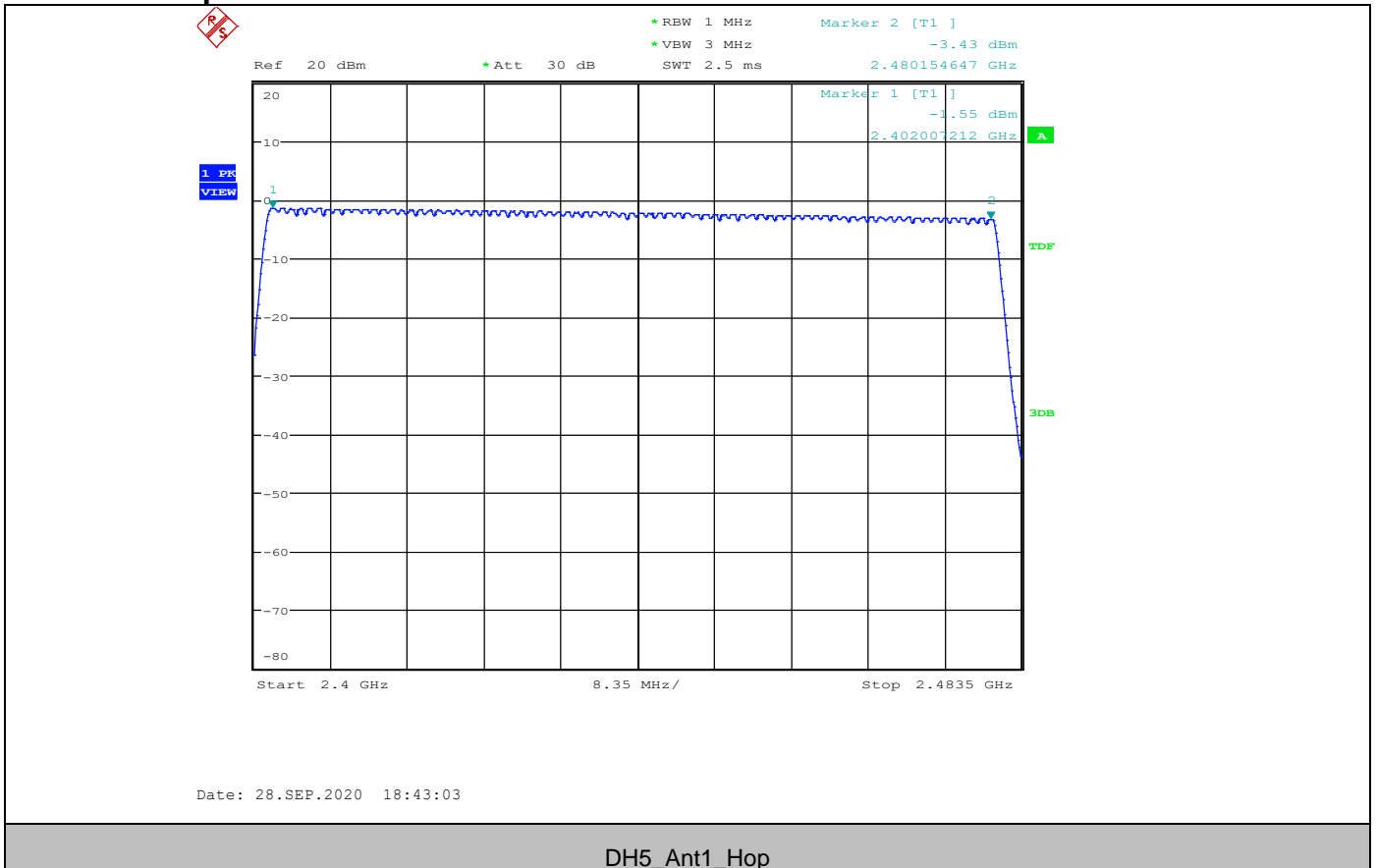
Date: 28.SEP.2020 20:38:59

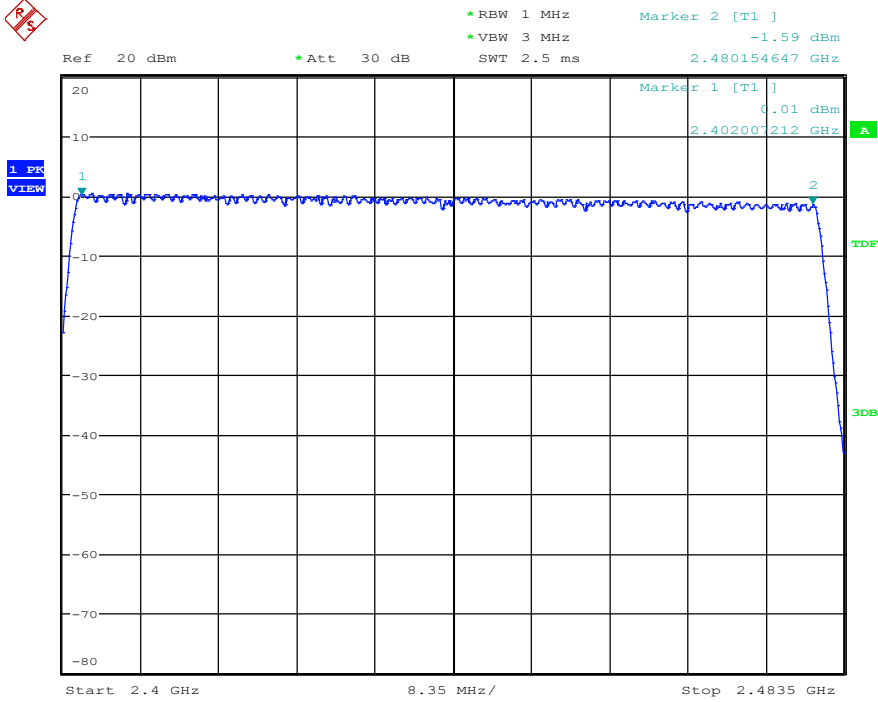
3DH5\_Ant1\_Hop

### A.4 Hopping Channel Number

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	>=15	PASS
2DH5	Ant1	Hop	79	>=15	PASS
3DH5	Ant1	Hop	79	>=15	PASS

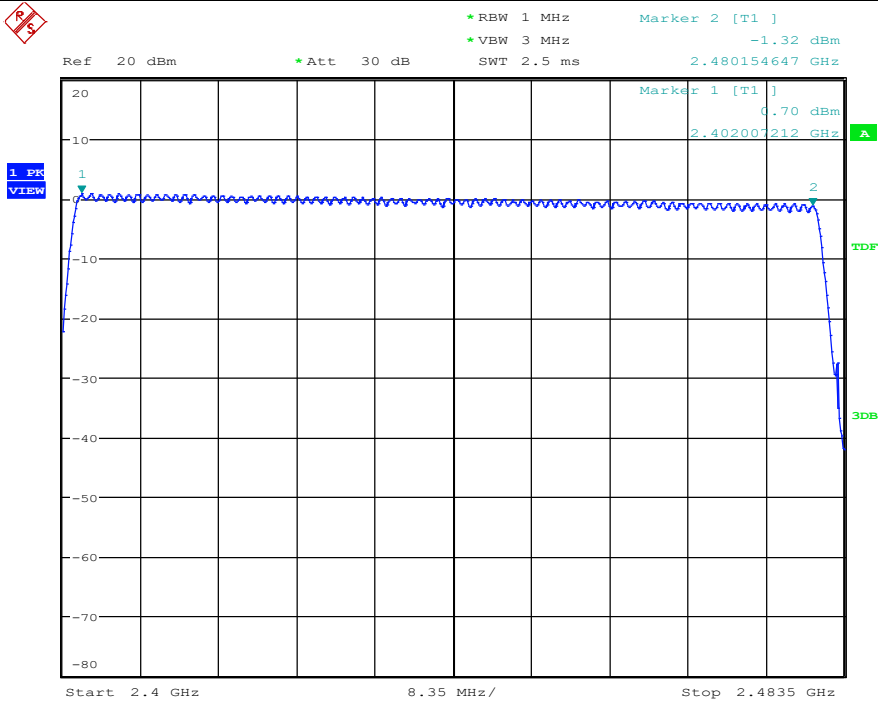
### Test Graph





Date: 28.SEP.2020 18:42:00

2DH5\_Ant1\_Hop



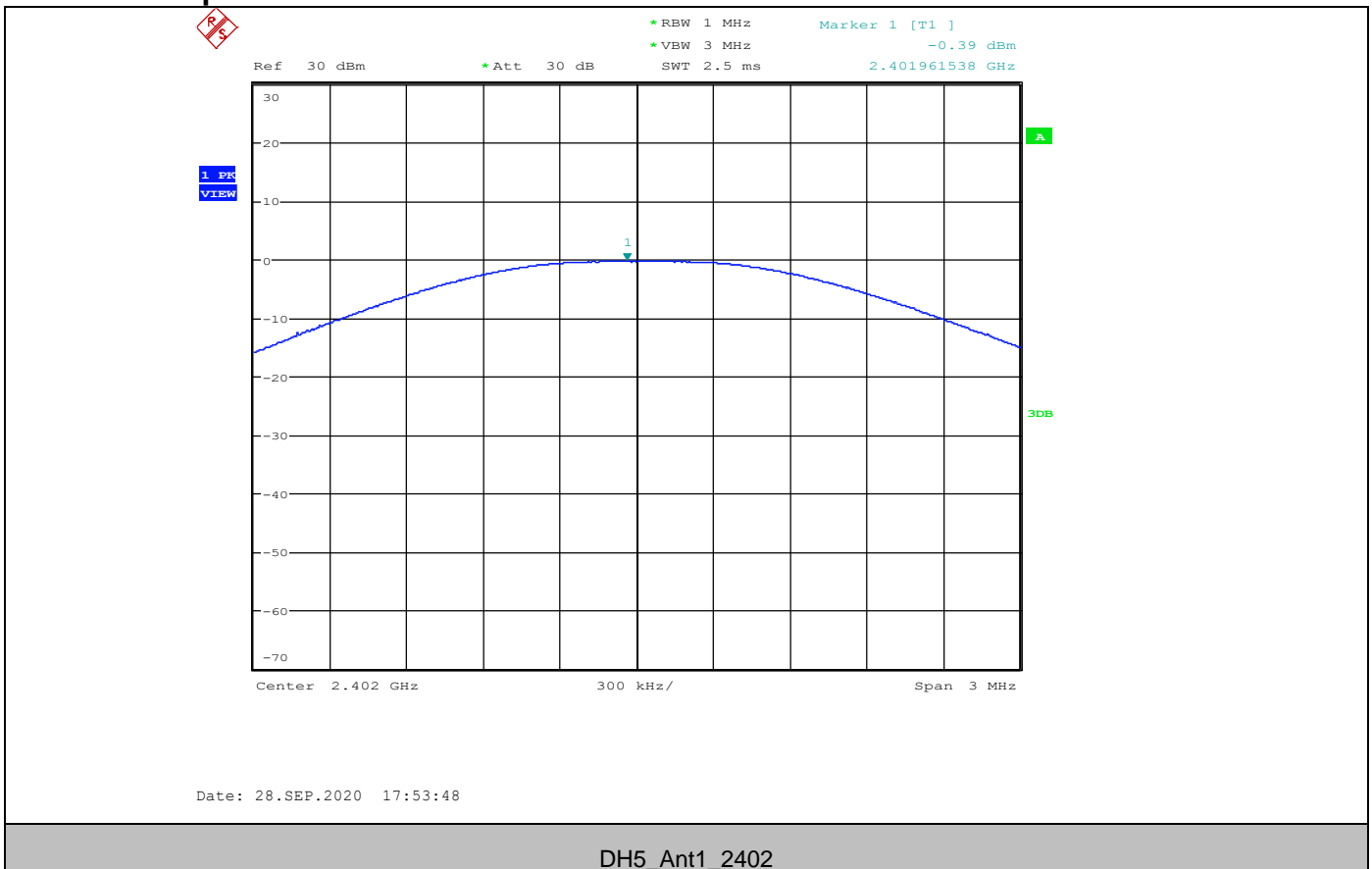
Date: 28.SEP.2020 18:40:42

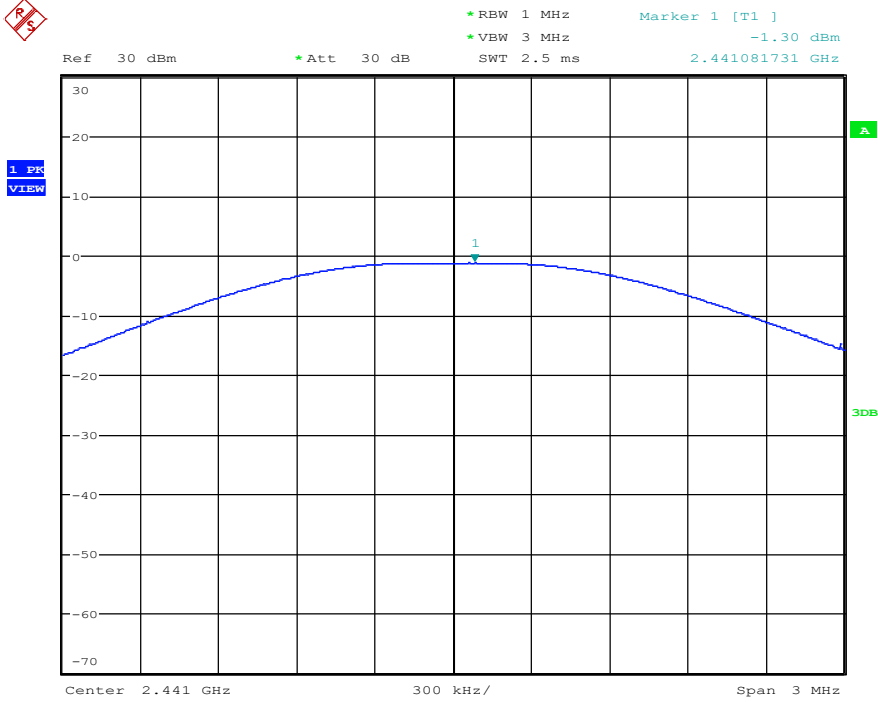
3DH5\_Ant1\_Hop

### A.5 Conducted Peak Output Power

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-0.39	<=20.97	PASS
		2441	-1.30	<=20.97	PASS
		2480	-2.43	<=20.97	PASS
2DH5	Ant1	2402	0.94	<=20.97	PASS
		2441	1.14	<=20.97	PASS
		2480	0.05	<=20.97	PASS
3DH5	Ant1	2402	1.32	<=20.97	PASS
		2441	0.56	<=20.97	PASS
		2480	-0.51	<=20.97	PASS

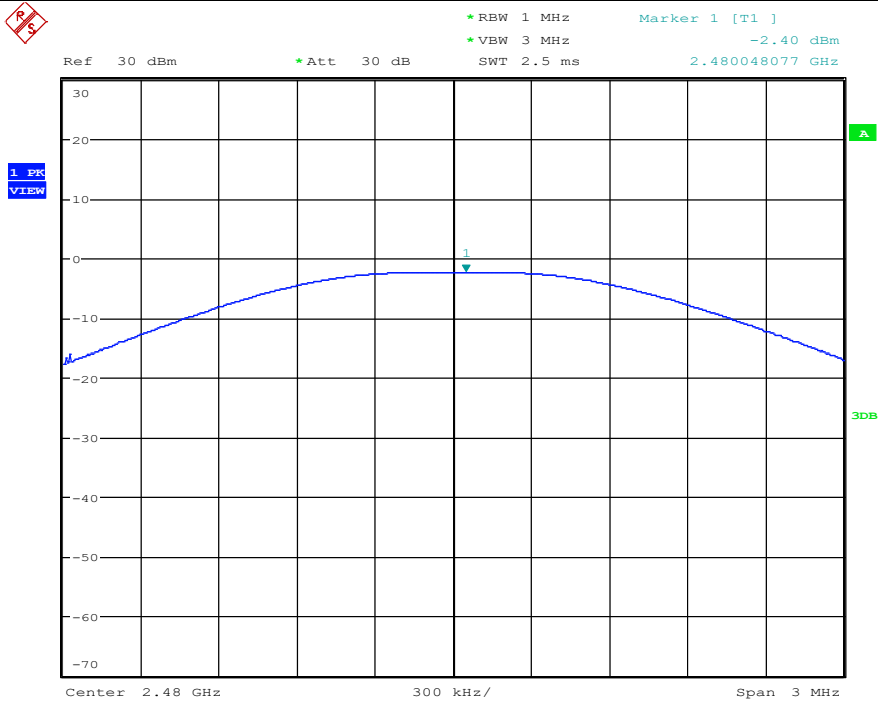
### Test Graph





Date: 28.SEP.2020 17:54:34

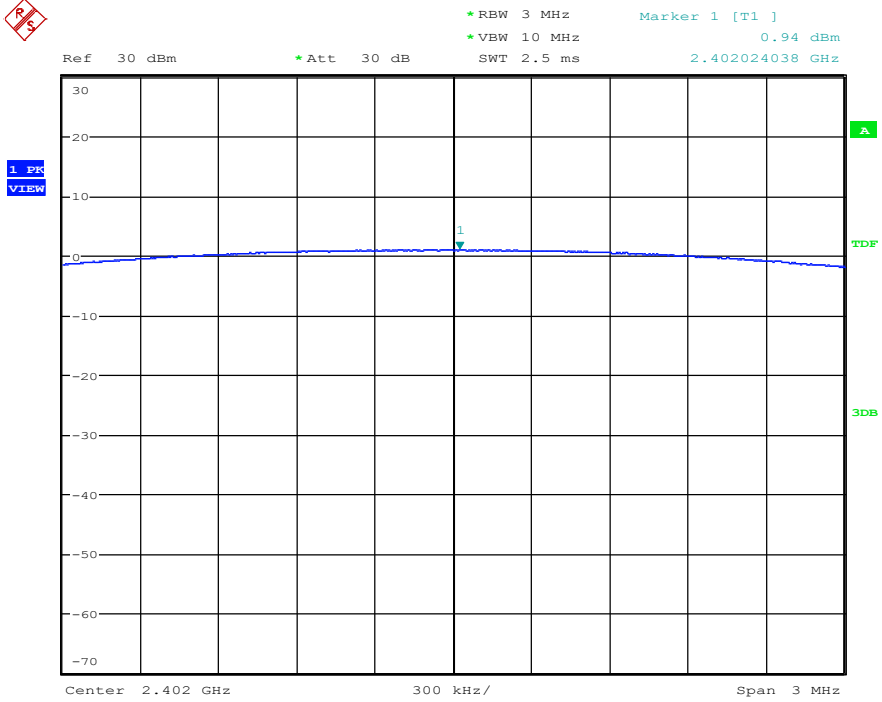
DH5\_Ant1\_2441



Date: 28.SEP.2020 17:55:00

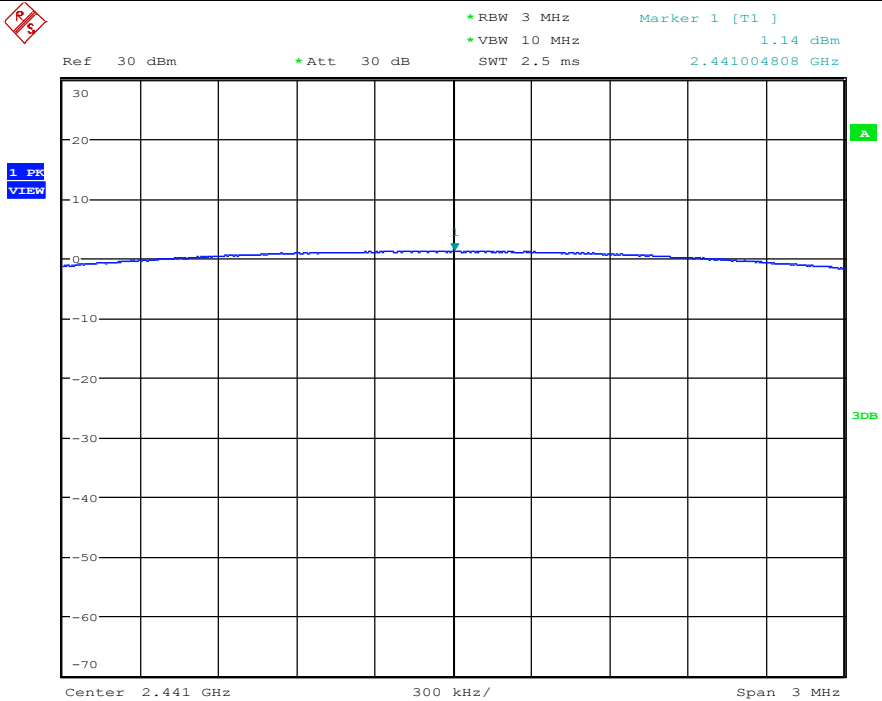
DH5\_Ant1\_2480





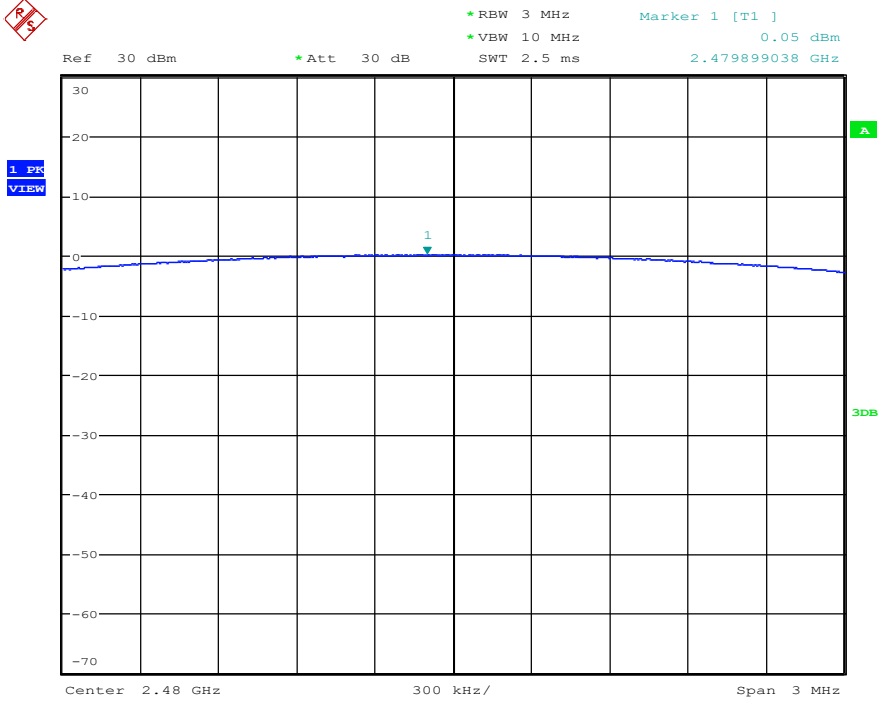
Date: 28.SEP.2020 17:56:45

2DH5\_Ant1\_2402



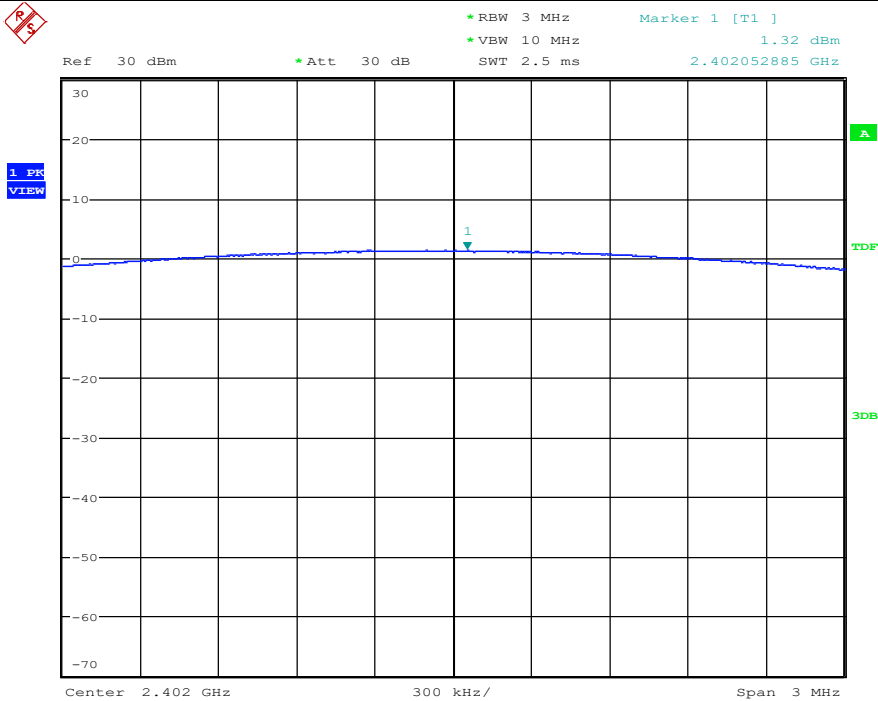
Date: 28.SEP.2020 17:56:08

2DH5\_Ant1\_2441



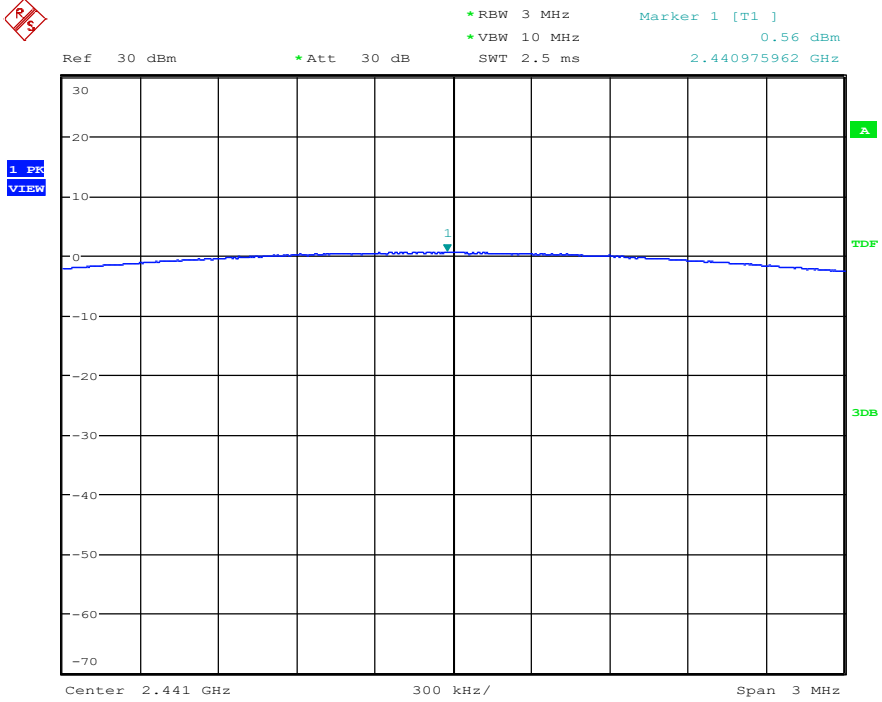
Date: 28.SEP.2020 17:55:41

2DH5\_Ant1\_2480



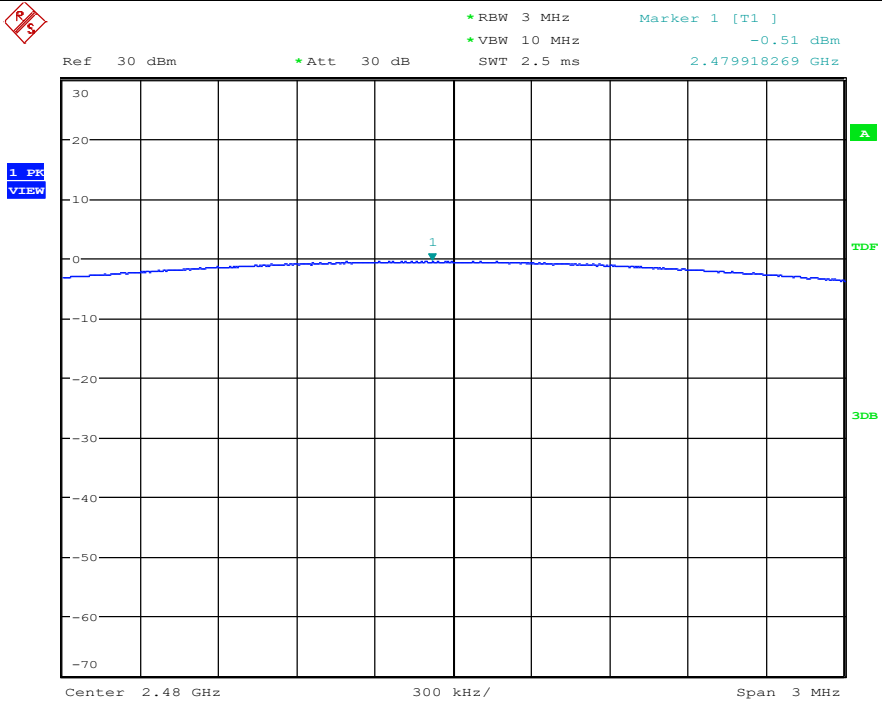
Date: 28.SEP.2020 17:57:02

3DH5\_Ant1\_2402



Date: 28.SEP.2020 17:57:26

3DH5\_Ant1\_2441



Date: 28.SEP.2020 17:58:00

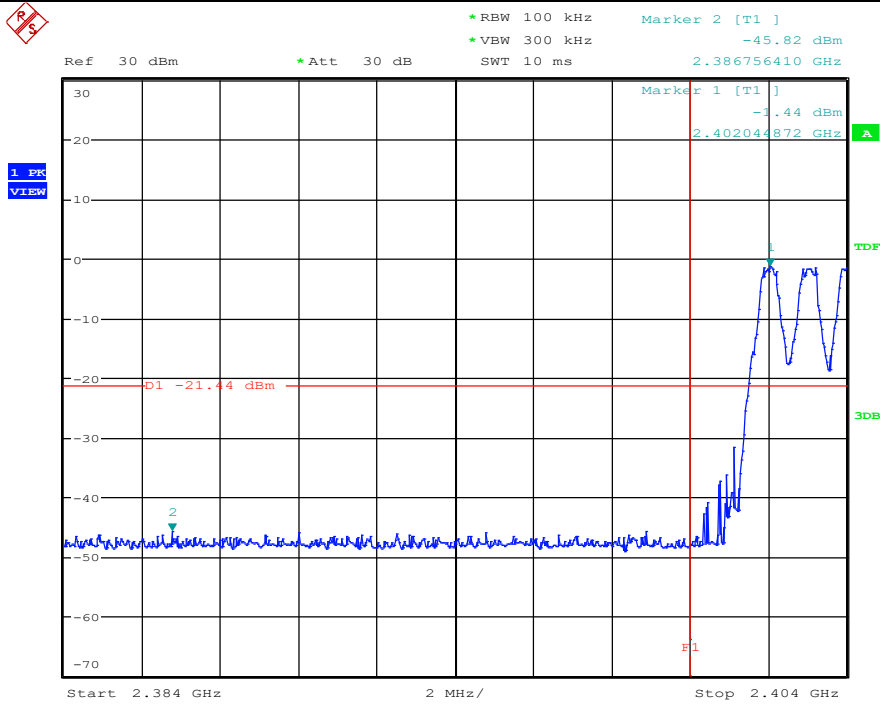
3DH5\_Ant1\_2480

**A.6 Band-edge for RF Conducted Emissions**

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3DH5- Hopping	Ant1	Low	2402	-1.44	-45.82	<=-21.44	PASS
		High	2480	-2.48	-45.75	<=-22.84	PASS

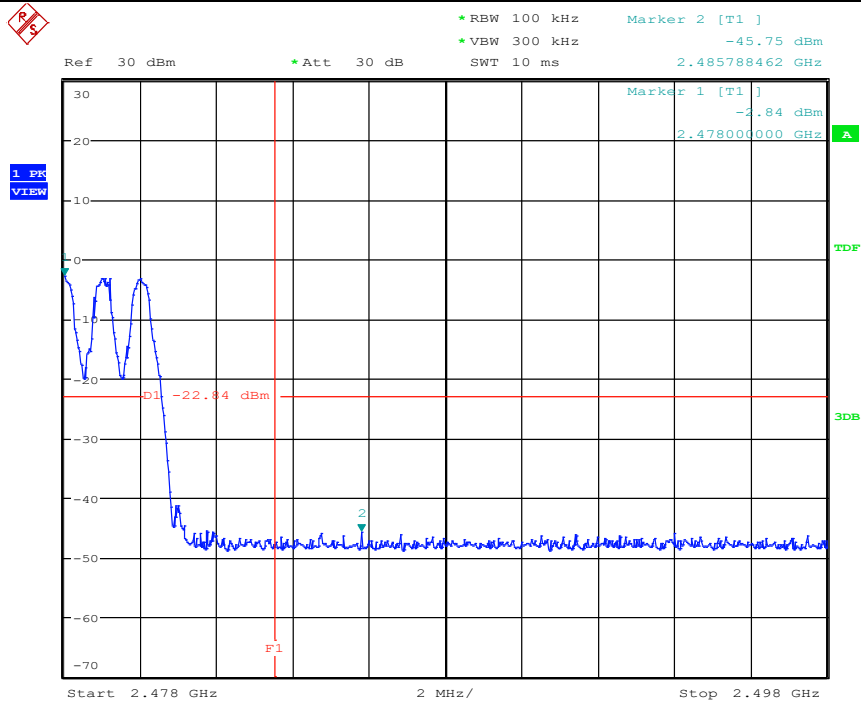
Note: list the worst case result in this item.

### Test Graph



Date: 28.SEP.2020 19:22:39

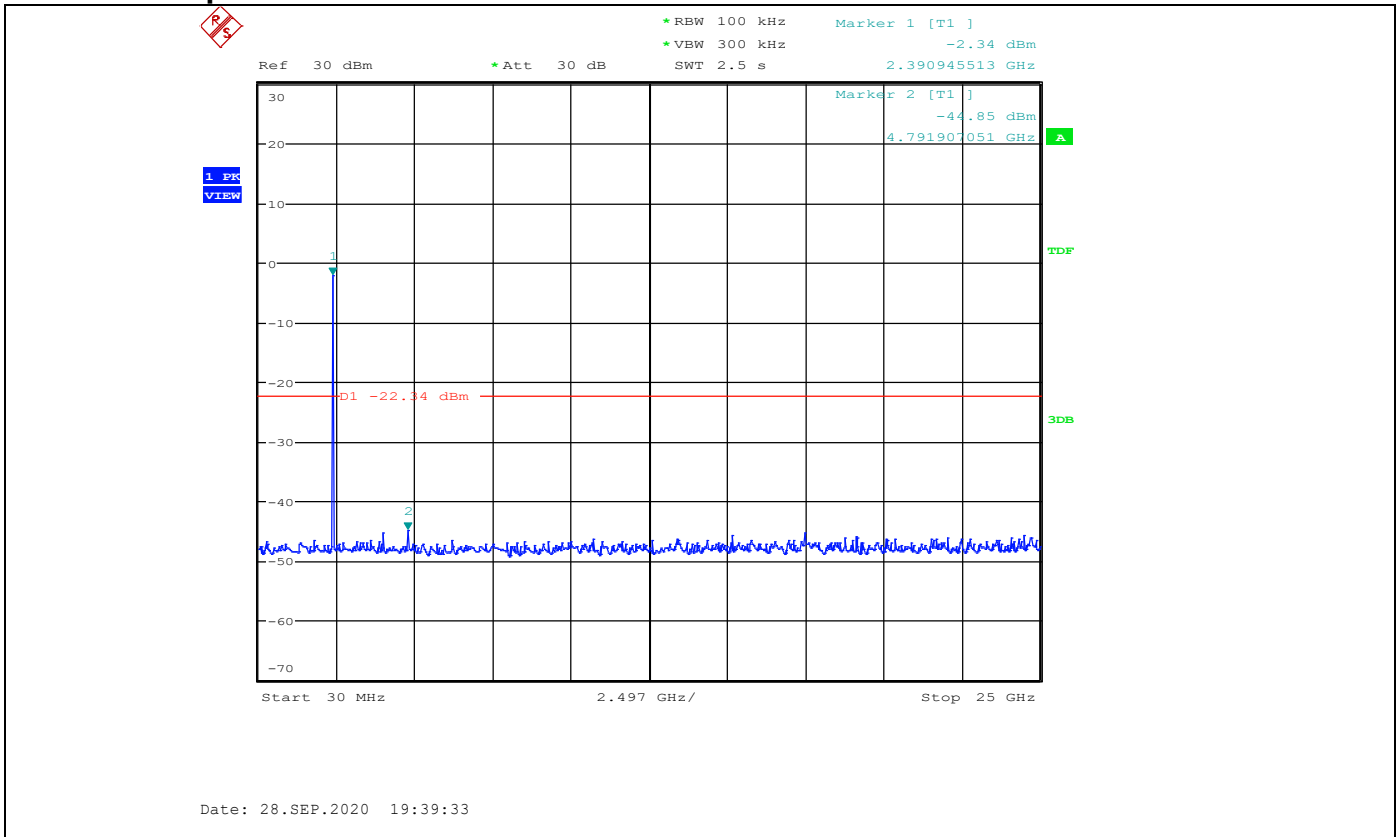
### Ant1\_Low\_Hop\_2402



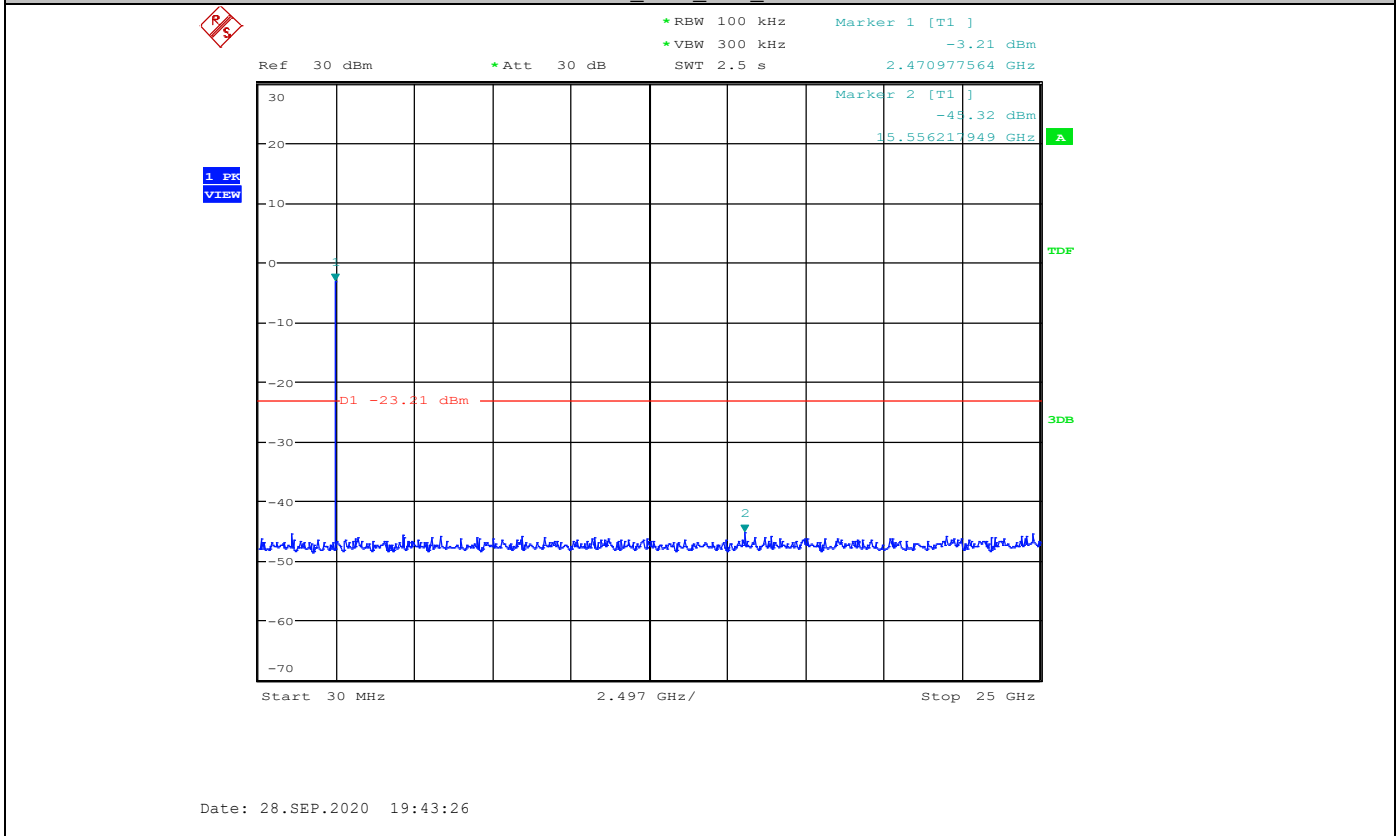
Date: 28.SEP.2020 19:19:27

### Ant1\_High\_Hop\_2480

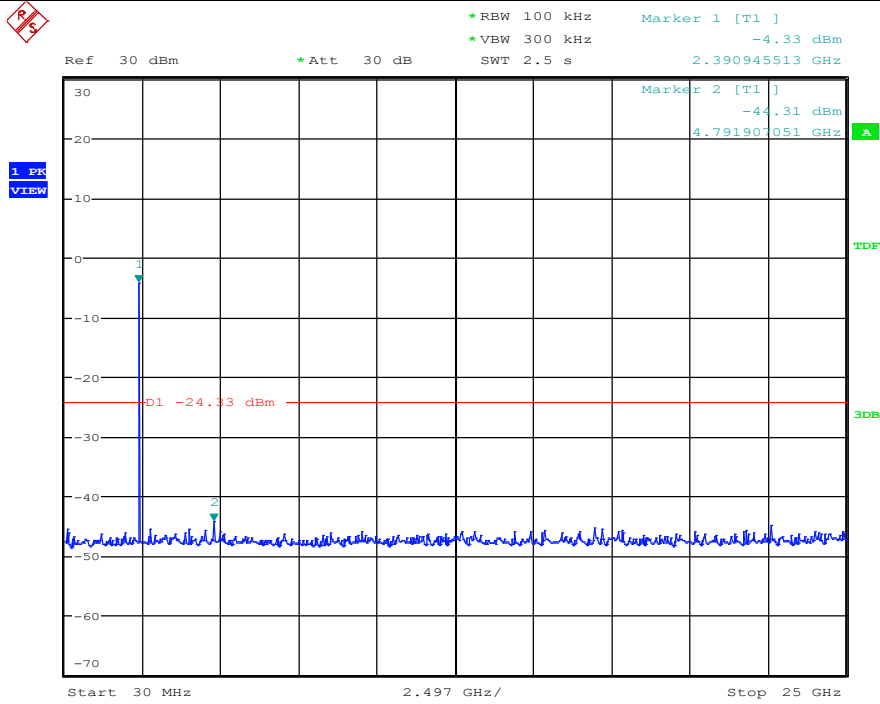
### A.7 RF Conducted Spurious Emissions Test Graph



#### DH5\_Ant1\_Low\_2402

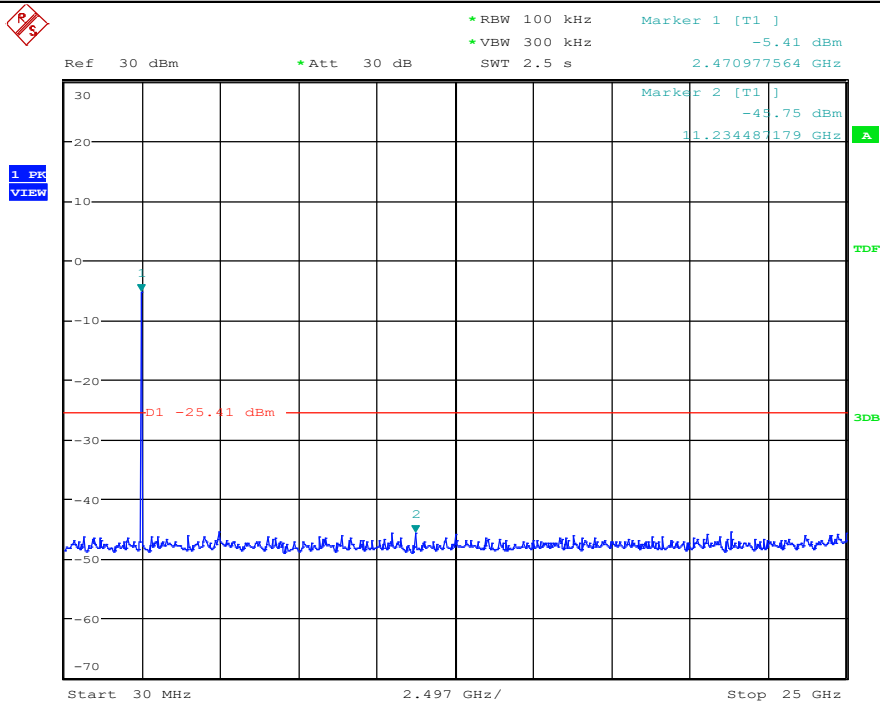


#### DH5\_Ant1\_High\_2480



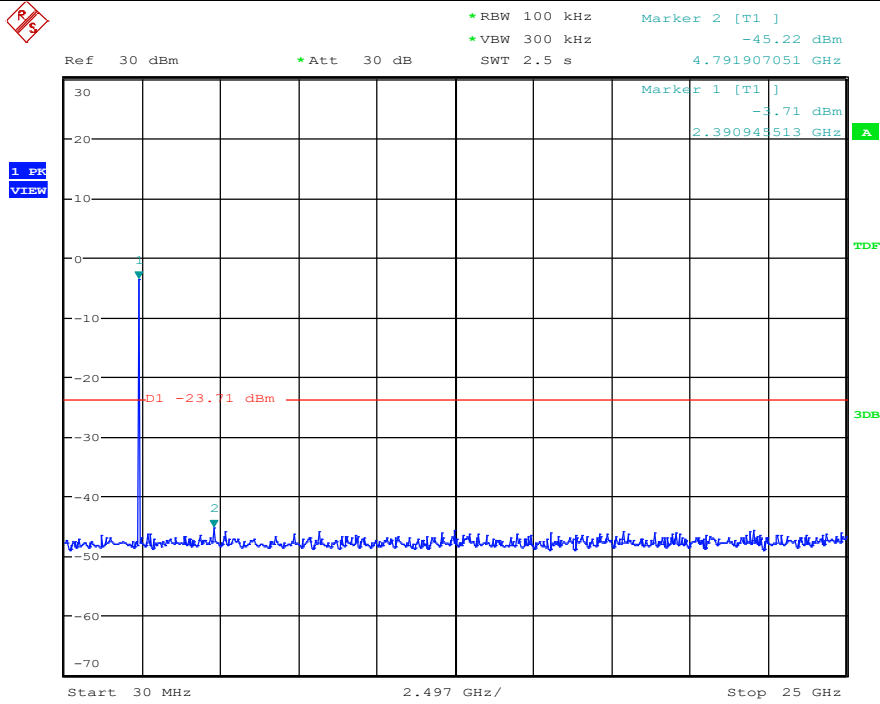
Date: 28.SEP.2020 19:50:41

2DH5\_Ant1\_Low\_2402



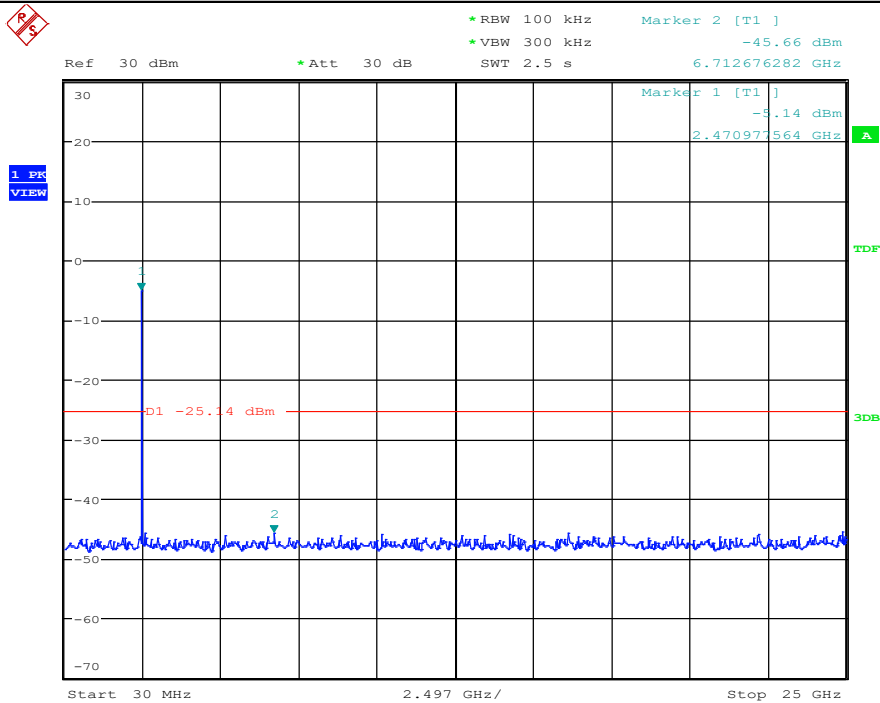
Date: 28.SEP.2020 19:53:57

2DH5\_Ant1\_High\_2480



Date: 28.SEP.2020 19:57:34

3DH5\_Ant1\_Low\_2402



Date: 28.SEP.2020 19:54:56

3DH5\_Ant1\_High\_2480