

Appendix A

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

Product Name: Wireless Earphone

Trade Mark: TECNO

Test Model: A3

FCC ID: 2ADYY-A3

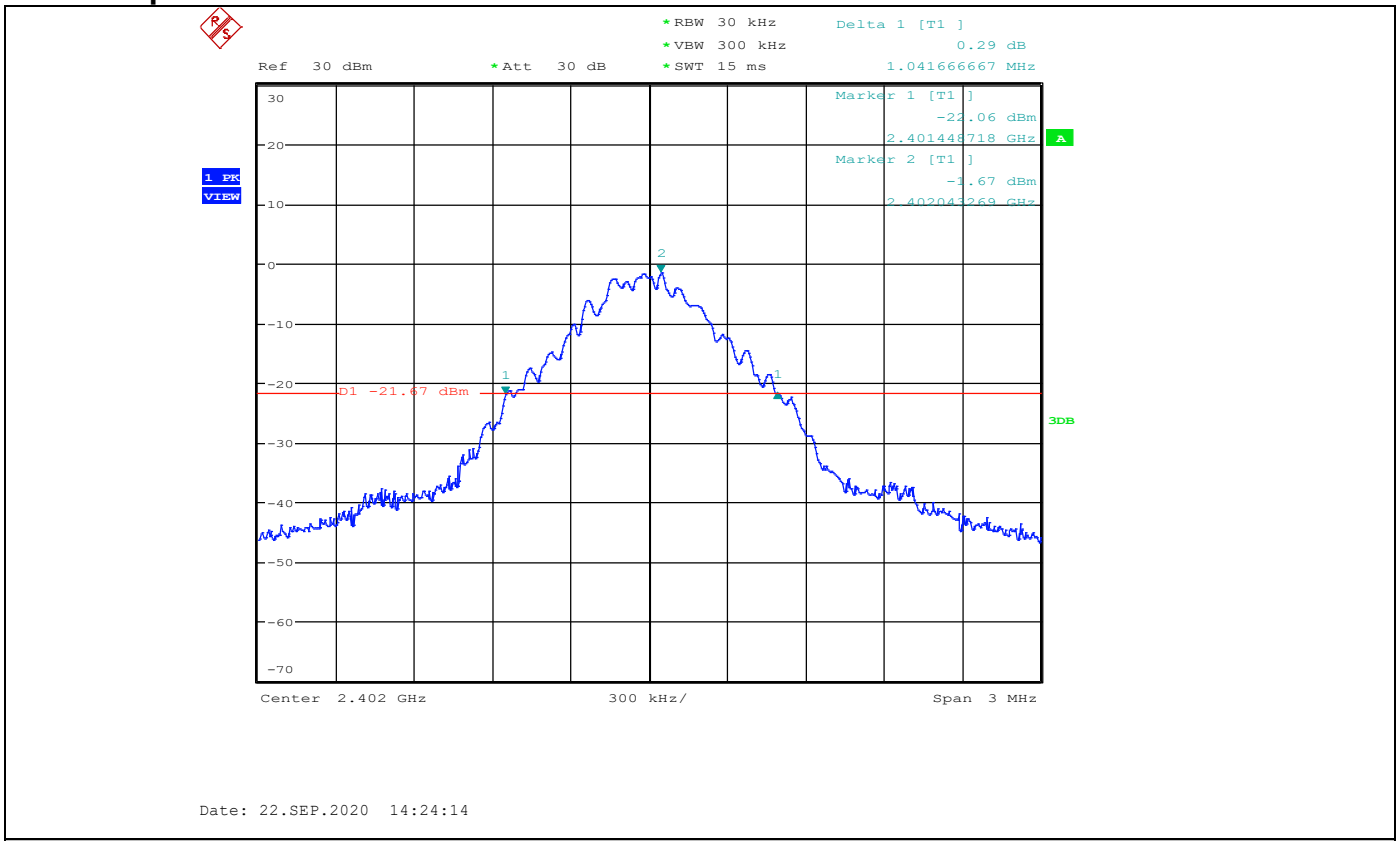
Environmental Conditions

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

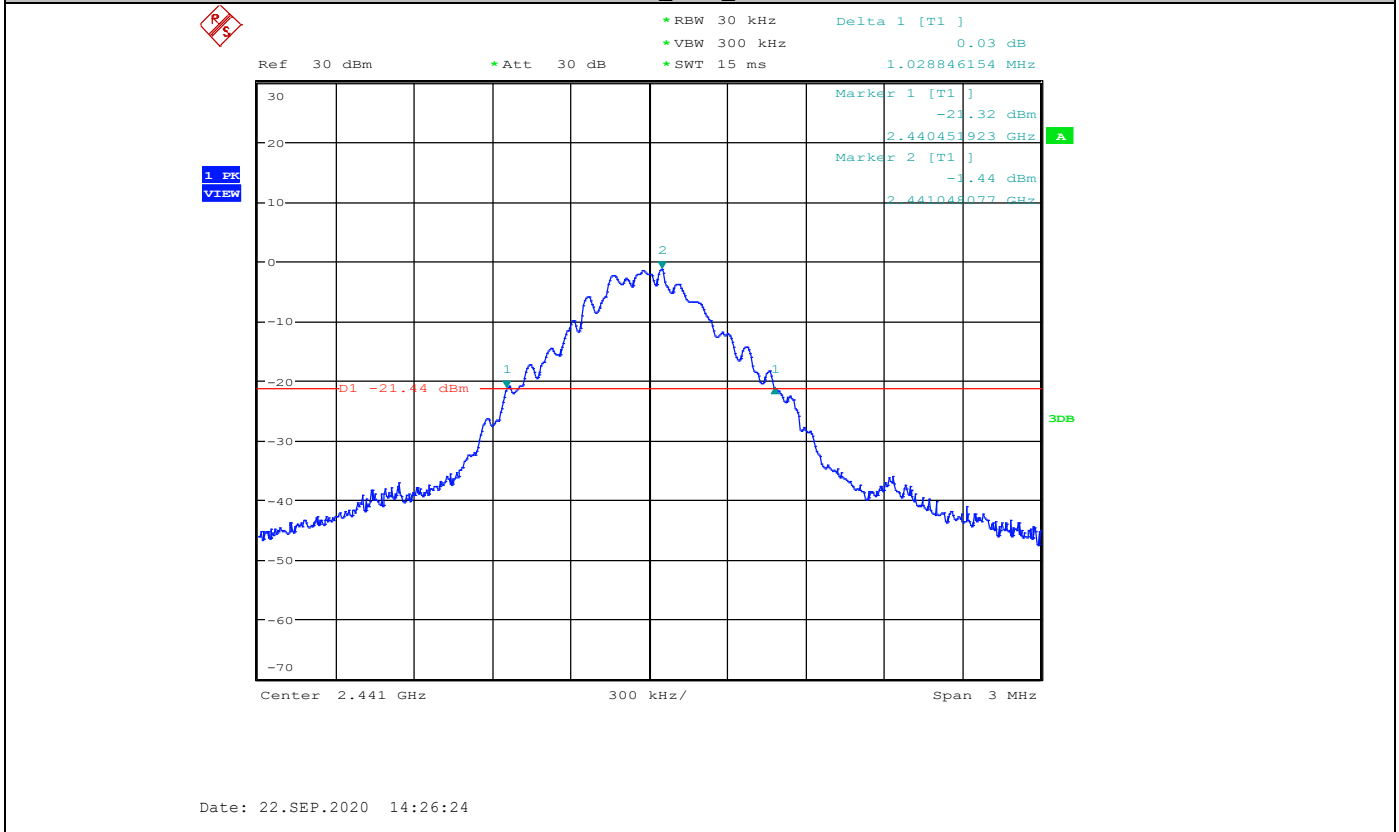
A.1 20 dB Bandwidth

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.042	2401.449	2402.043	---	PASS
		2441	1.029	2440.452	2441.0.48	---	PASS
		2480	1.048	2479.447	2480.048	---	PASS
2DH5	Ant1	2402	1.370	2401.303	2401.808	---	PASS
		2441	1.370	2440.303	2440.803	---	PASS
		2480	1.370	2479.303	2479.808	---	PASS
3DH5	Ant1	2402	1.356	2401.308	2402.111	---	PASS
		2441	1.351	2440.30	2441.111	---	PASS
		2480	1.355	2479.309	2480.111	---	PASS

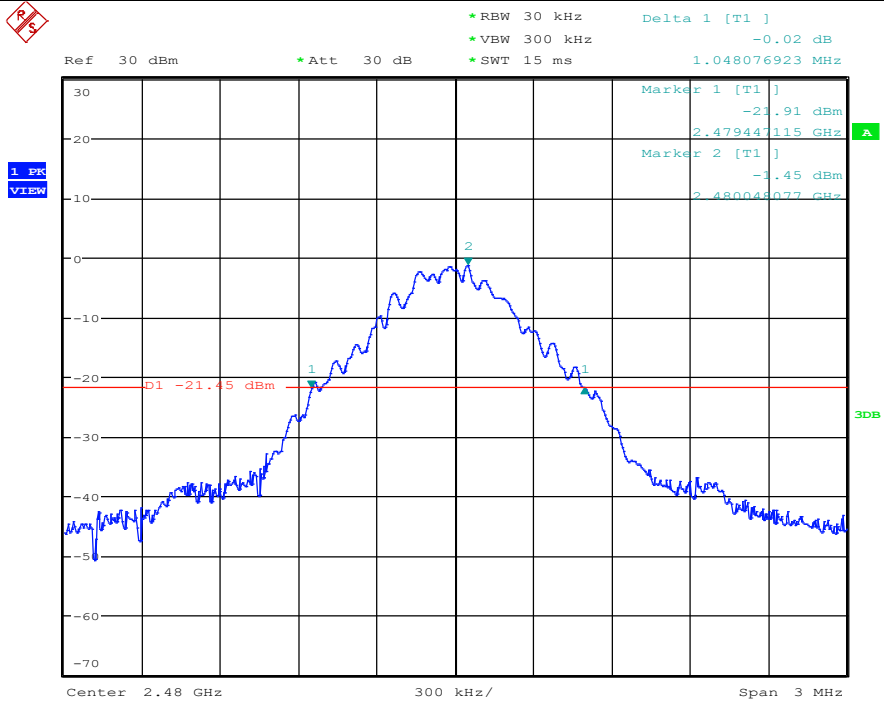
Test Graph



DH5_Ant1_2402

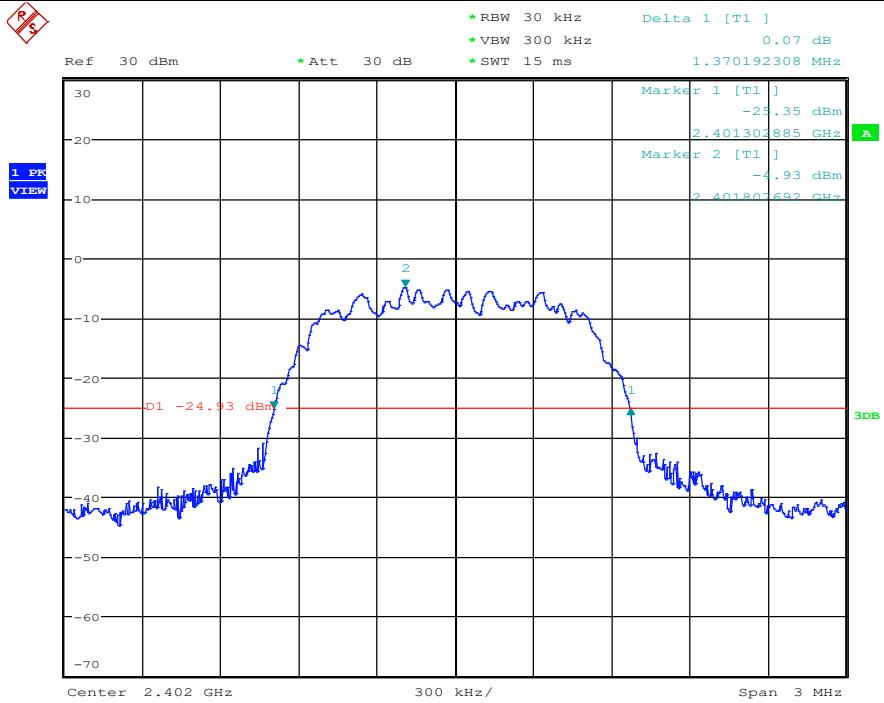


DH5_Ant1_2441



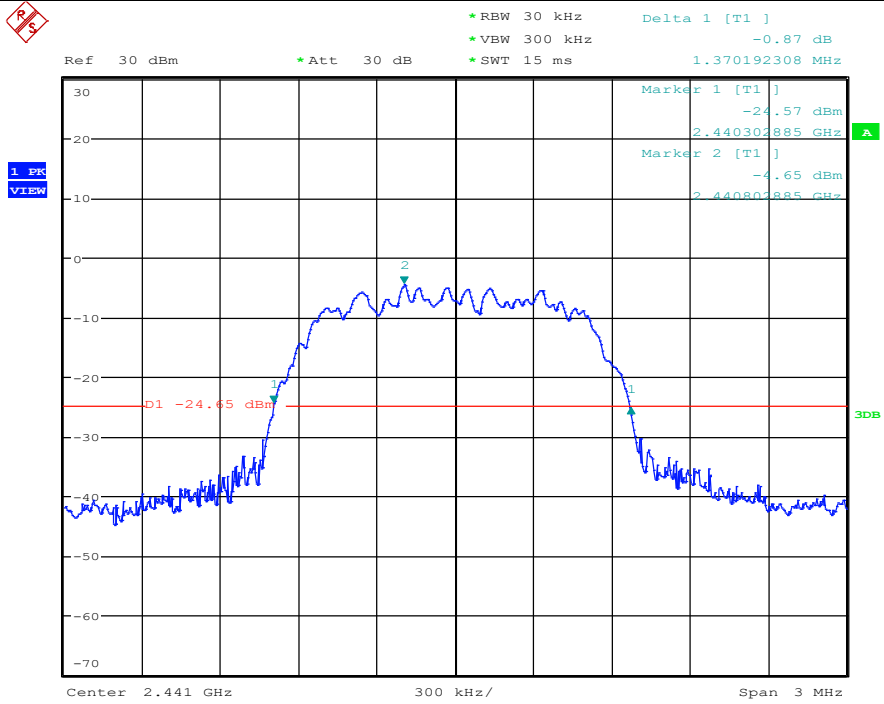
Date: 22.SEP.2020 14:27:59

DH5_Ant1_2480



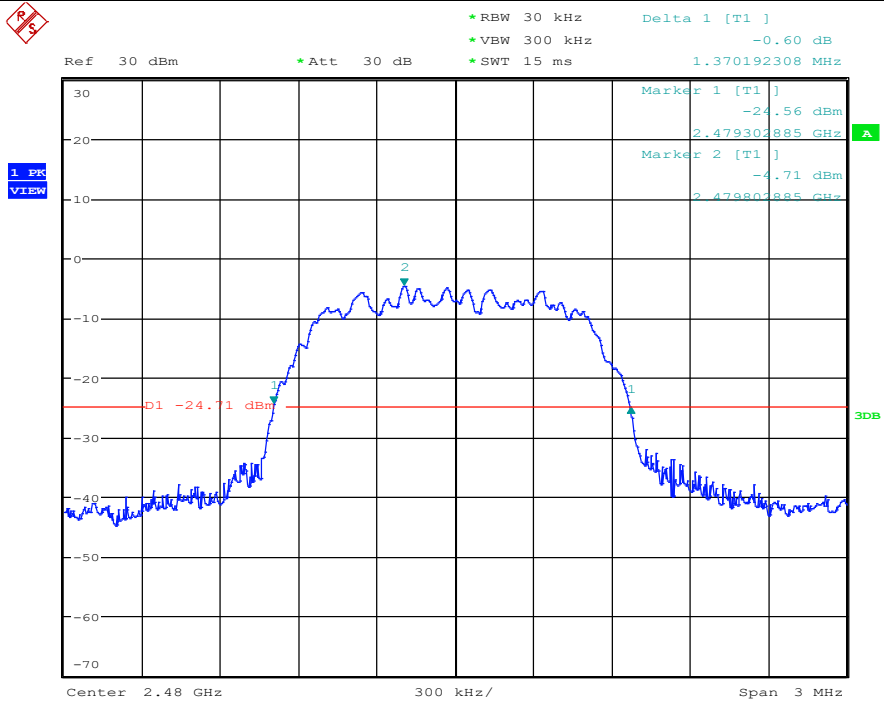
Date: 22.SEP.2020 14:34:22

2DH5_Ant1_2402



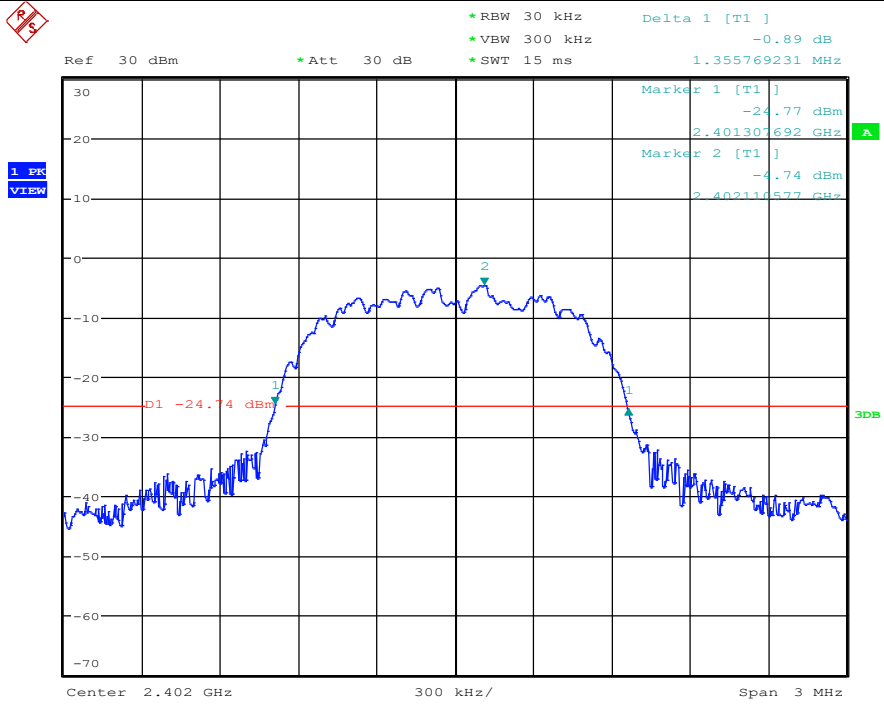
Date: 22.SEP.2020 14:32:07

2DH5_Ant1_2441



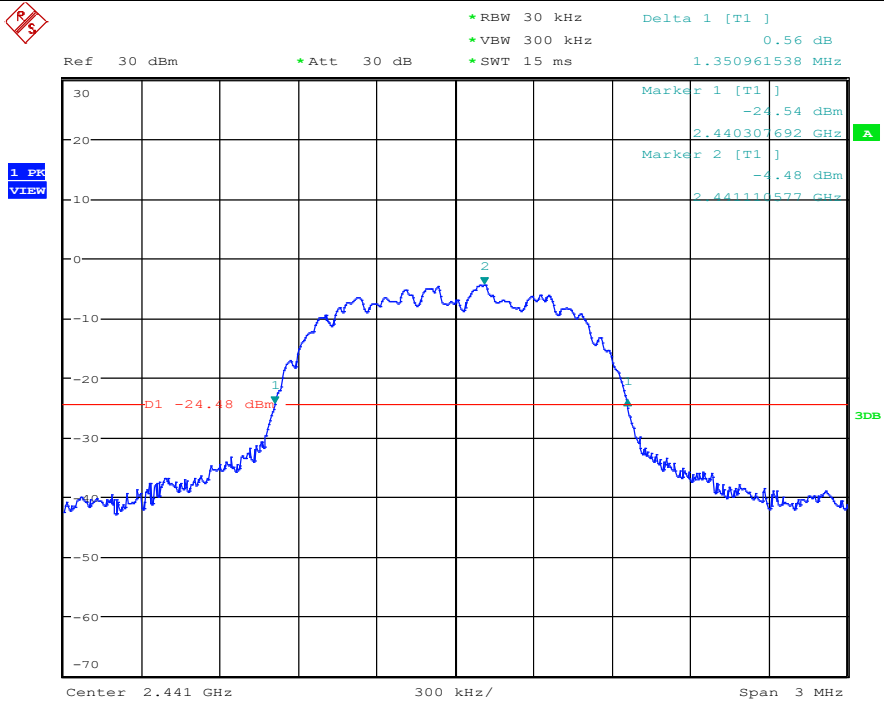
Date: 22.SEP.2020 14:29:28

2DH5_Ant1_2480



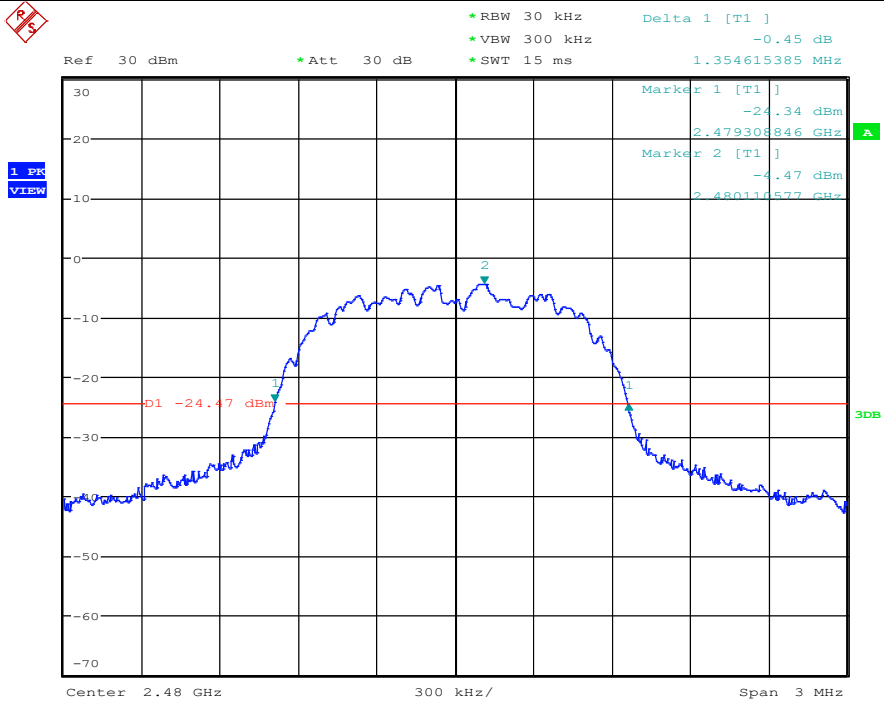
Date: 22.SEP.2020 14:36:20

3DH5_Ant1_2402



Date: 22.SEP.2020 14:52:52

3DH5_Ant1_2441

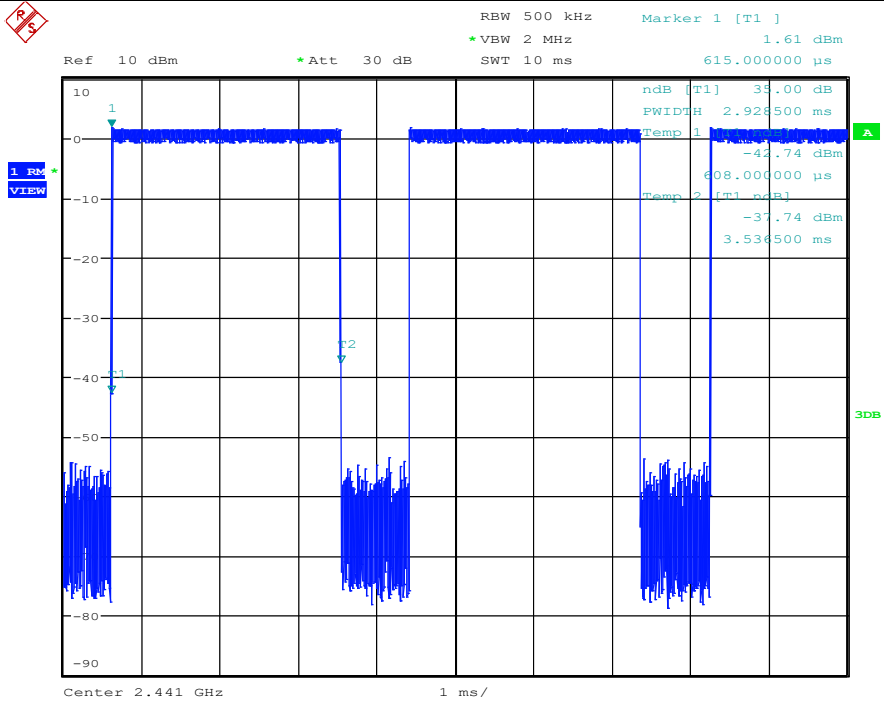


3DH5_Ant1_2480

A.2 Dwell Time

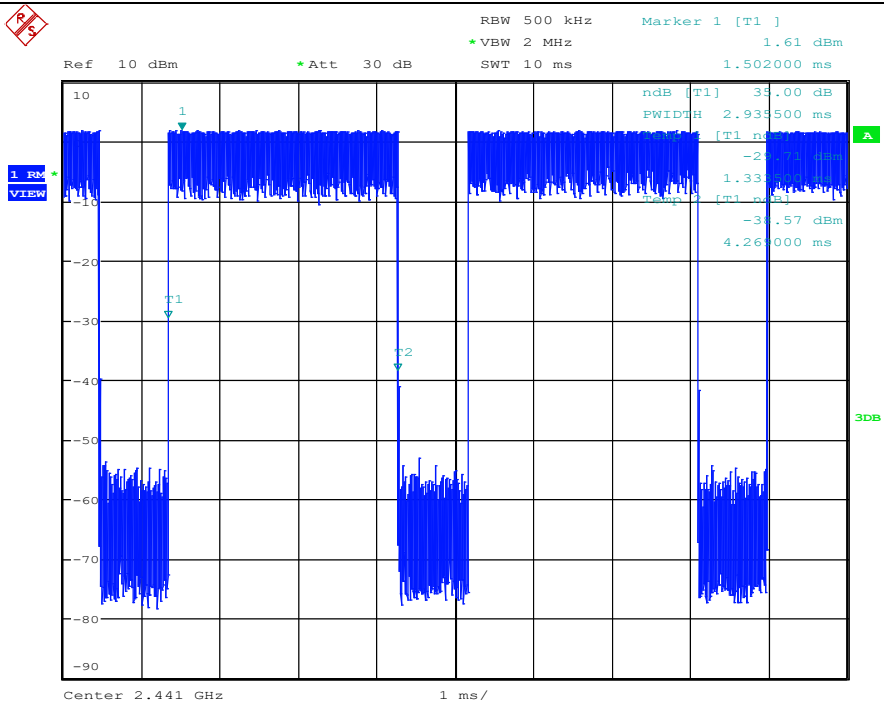
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.929	106.7	0.313	<=0.4	PASS
2DH5	Ant1	Hop	2.936	106.7	0.313	<=0.4	PASS
3DH5	Ant1	Hop	2.934	106.7	0.313	<=0.4	PASS

Test Graph



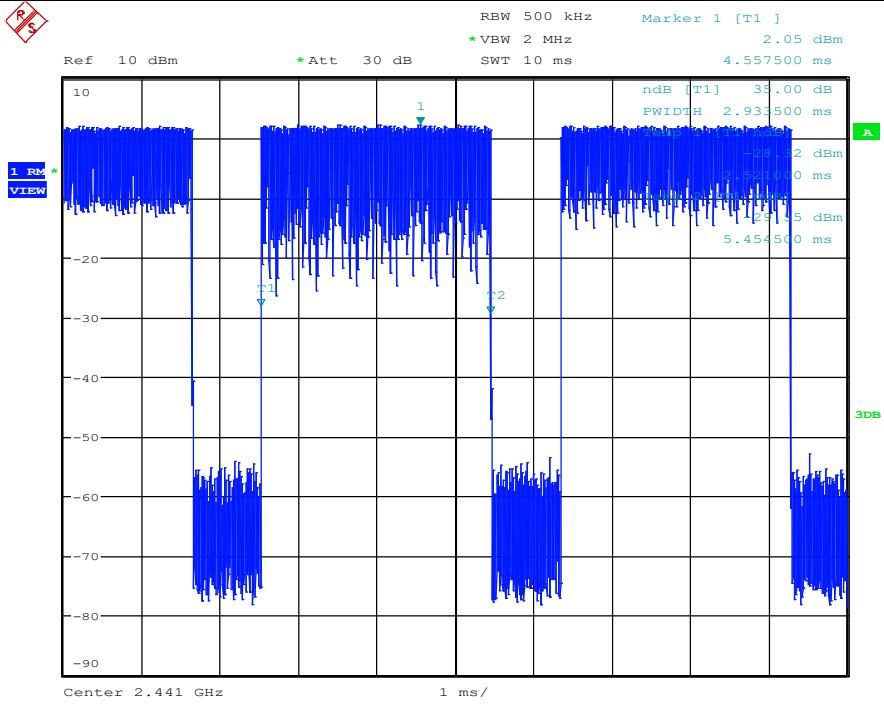
Date: 22.SEP.2020 10:06:28

DH5_Ant1_Hop



Date: 22.SEP.2020 10:11:49

2DH5_Ant1_Hop



Date: 22.SEP.2020 10:19:11

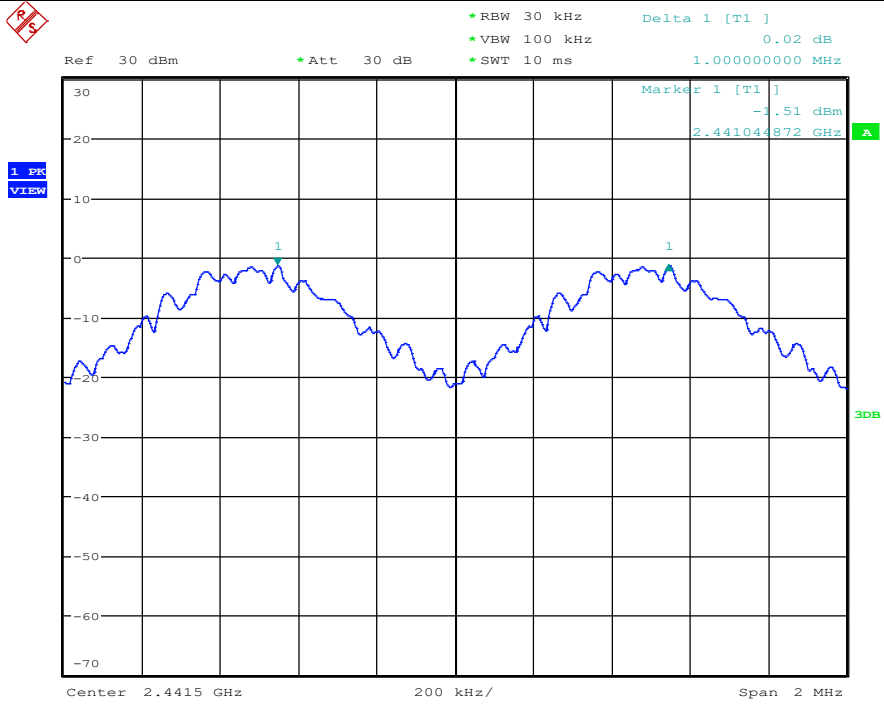
3DH5_Ant1_Hop

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	1.000	2/3 *20dB BW	PASS
3DH5	Ant1	Hop	1.003	2/3 *20dB BW	PASS

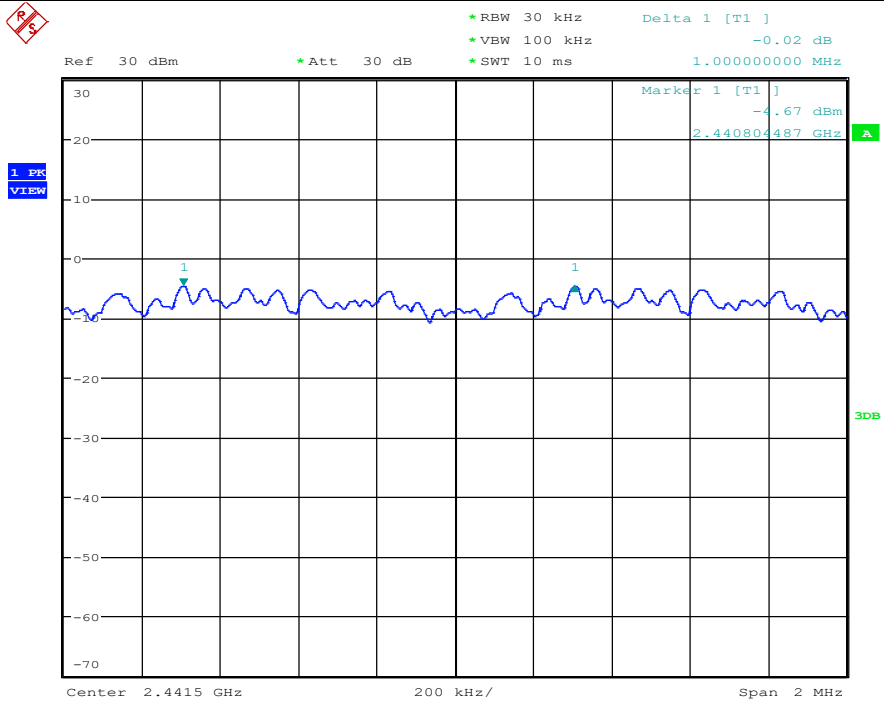
Note: 20db bandwidth refer to section A.1

Test Graph



Date: 22.SEP.2020 10:57:47

DH5_Ant1_Hop

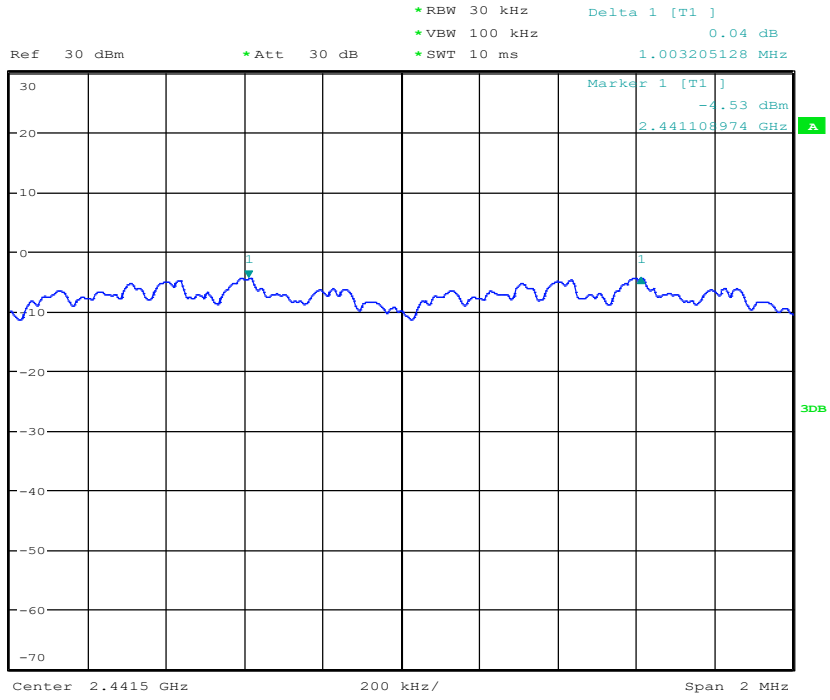


Date: 22.SEP.2020 10:52:10

2DH5_Ant1_Hop



1 PK
VIEW



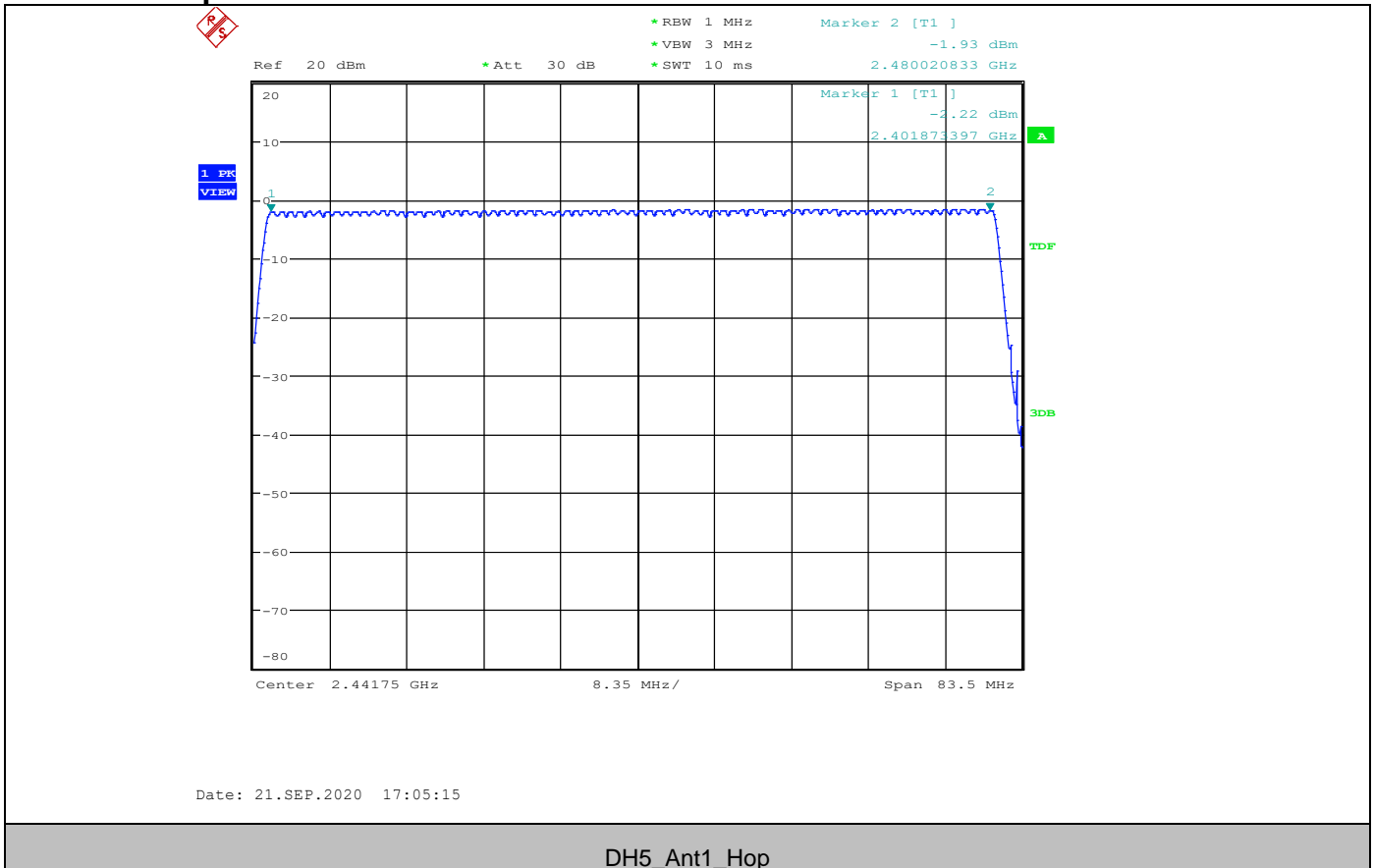
Date: 22.SEP.2020 10:42:45

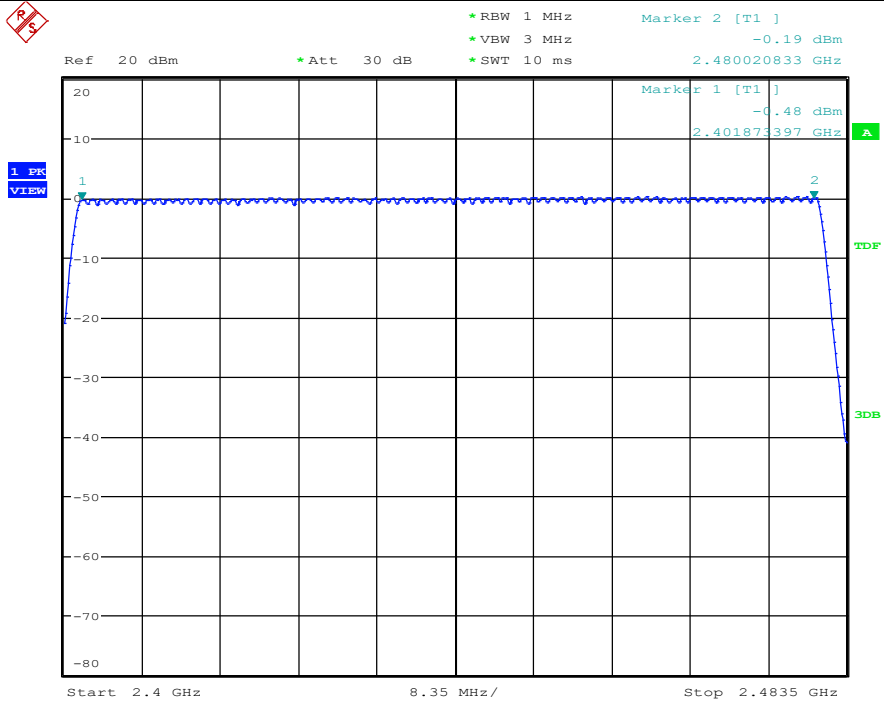
3DH5_Ant1_Hop

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

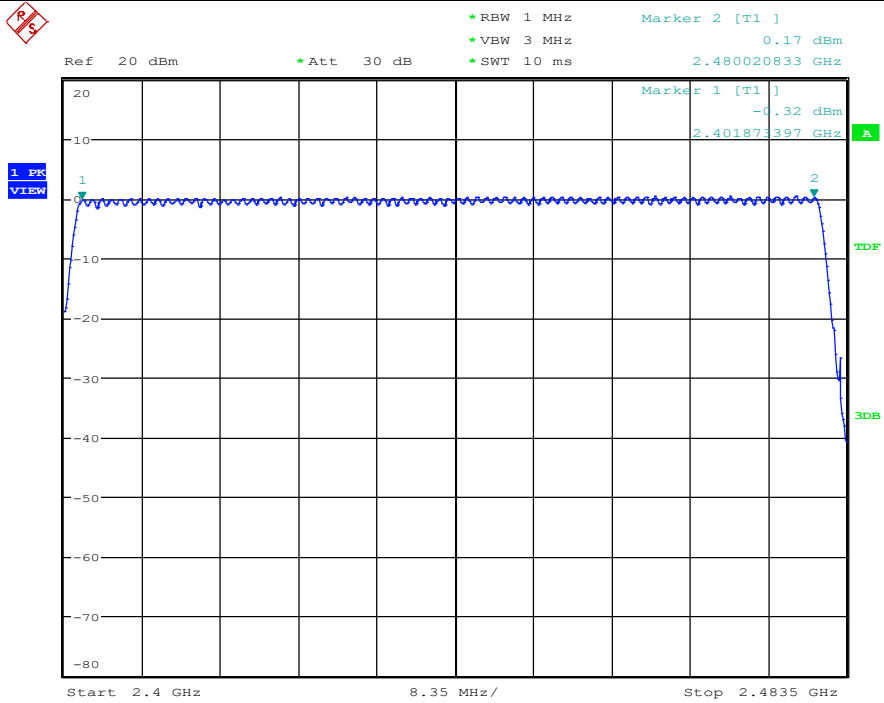
Test Graph





Date: 21.SEP.2020 17:08:26

2DH5_Ant1_Hop



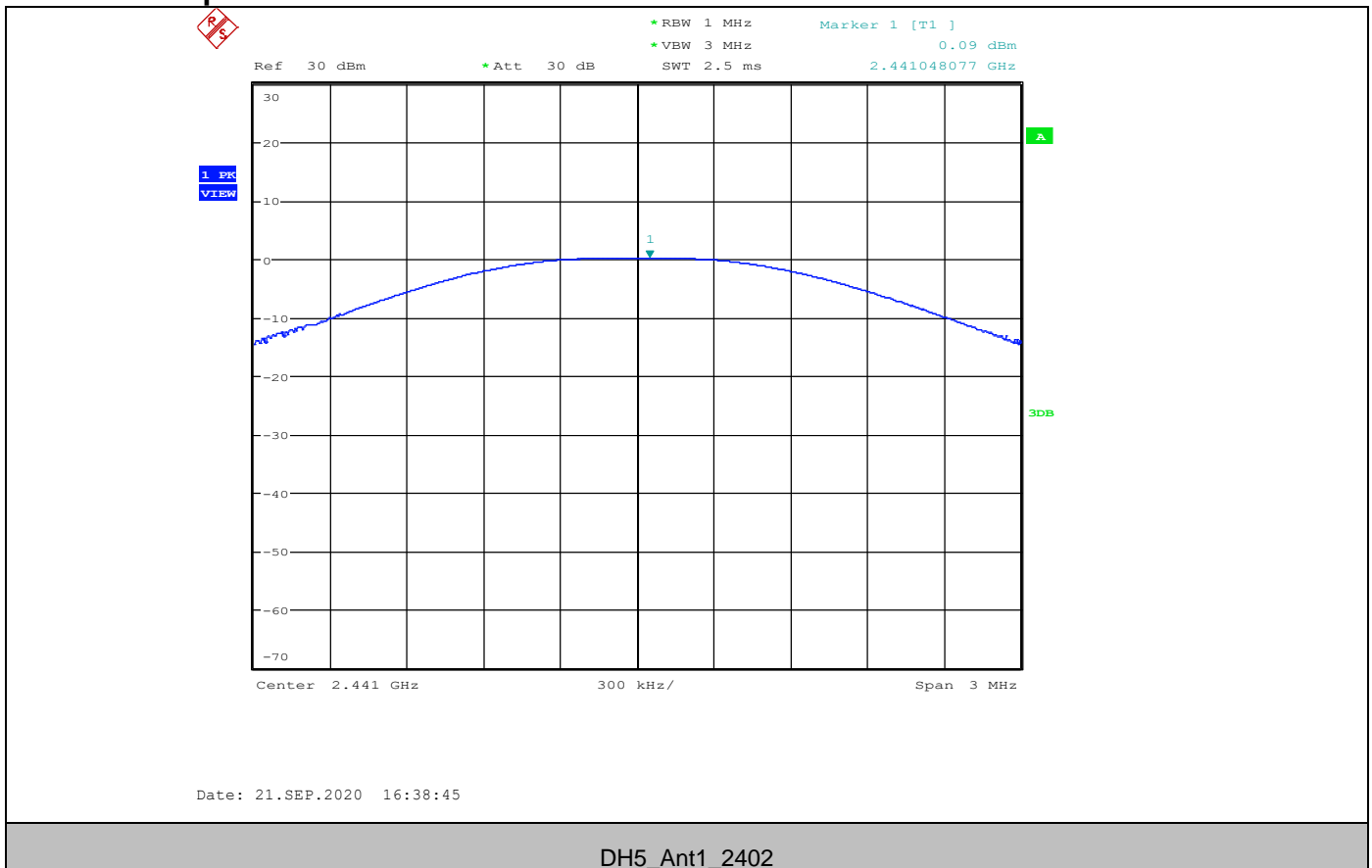
Date: 21.SEP.2020 16:53:33

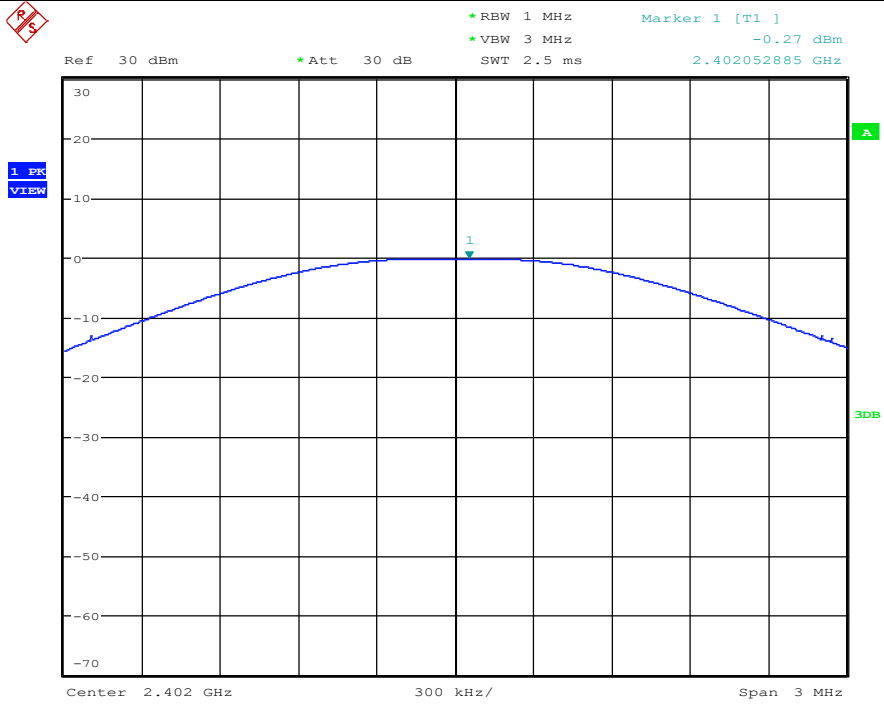
3DH5_Ant1_Hop

A.5 Conducted Peak Output Power

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.09	<=20.97	PASS
		2441	-0.27	<=20.97	PASS
		2480	0.08	<=20.97	PASS
2DH5	Ant1	2402	0.04	<=20.97	PASS
		2441	0.30	<=20.97	PASS
		2480	0.38	<=20.97	PASS
3DH5	Ant1	2402	0.45	<=20.97	PASS
		2441	0.71	<=20.97	PASS
		2480	0.81	<=20.97	PASS

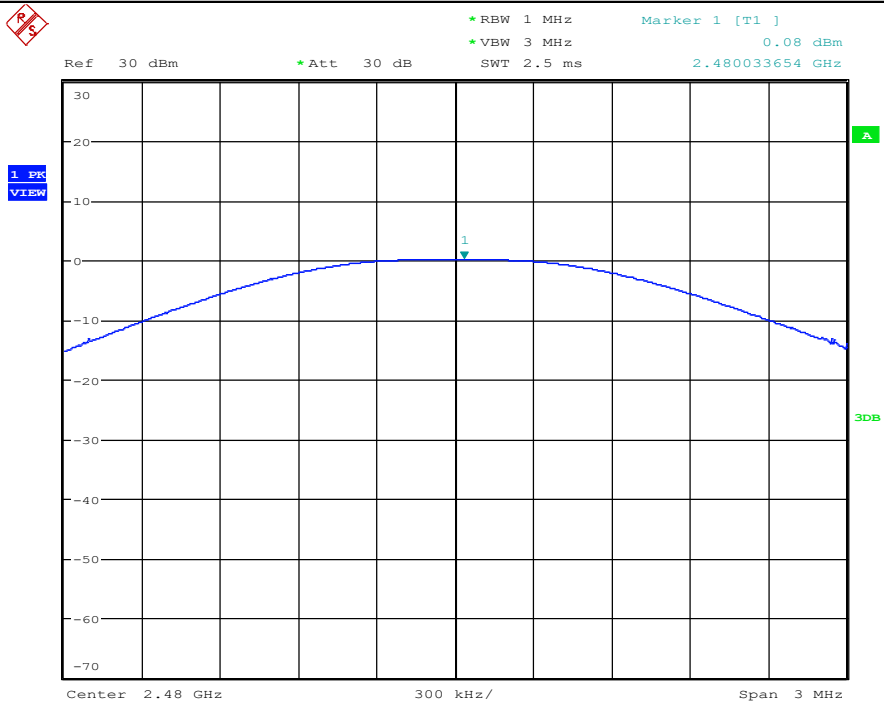
Test Graph





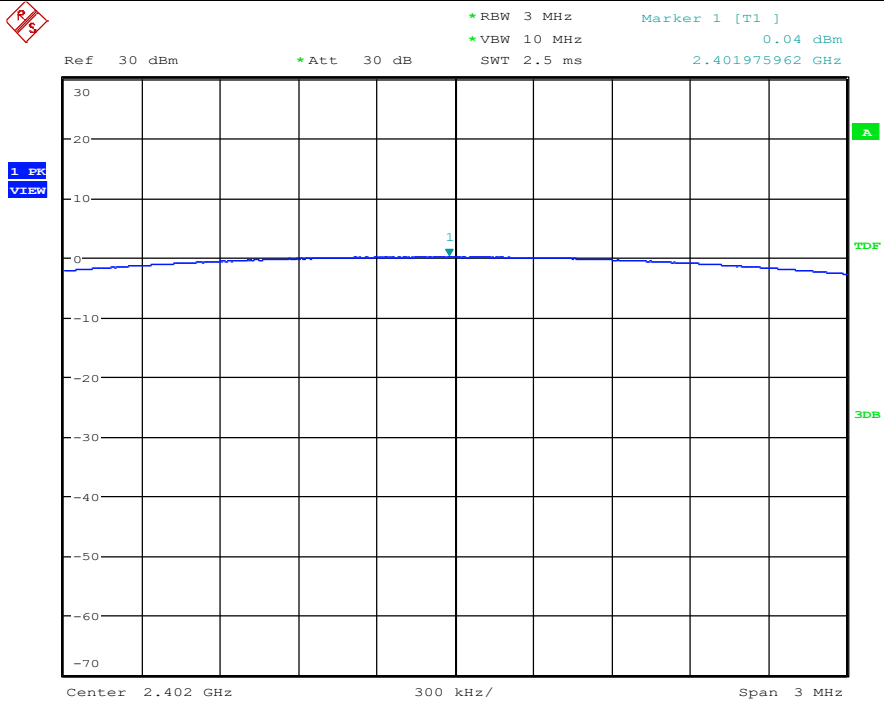
Date: 21.SEP.2020 16:39:33

DH5_Ant1_2441



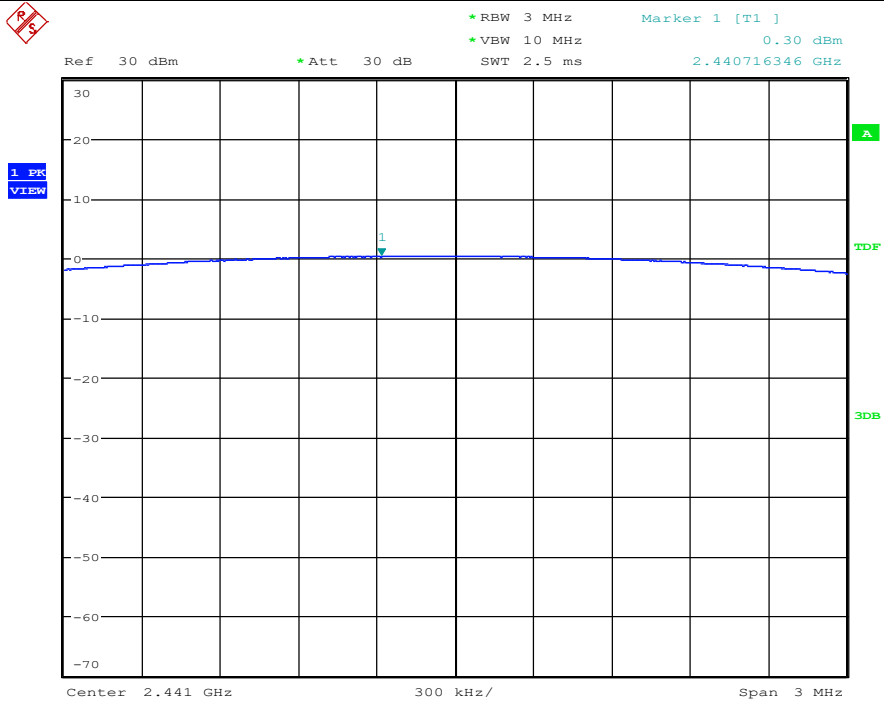
Date: 21.SEP.2020 16:39:59

DH5_Ant1_2480



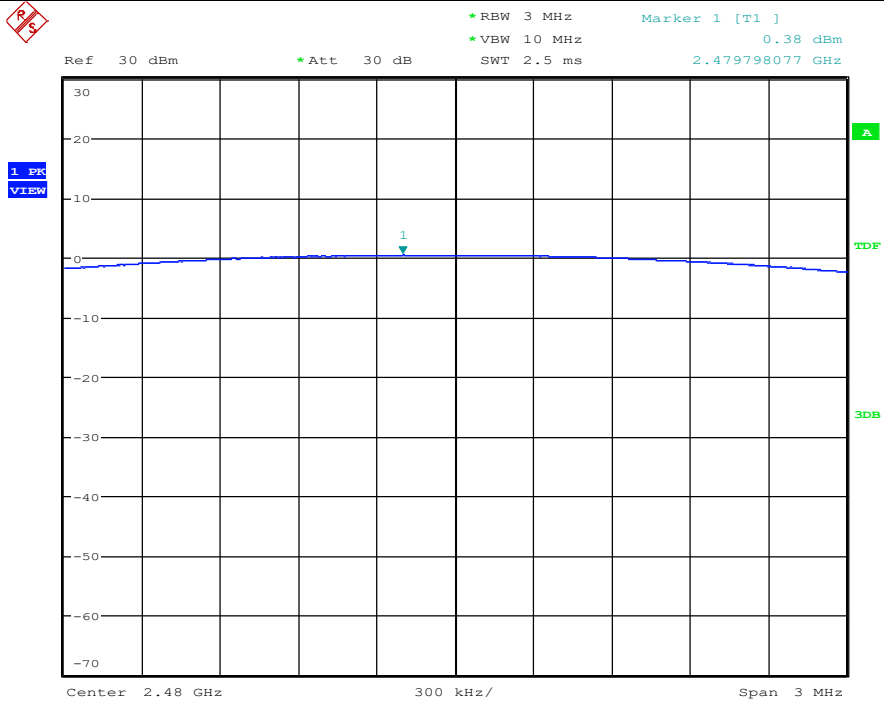
Date: 21.SEP.2020 16:43:32

2DH5_Ant1_2402



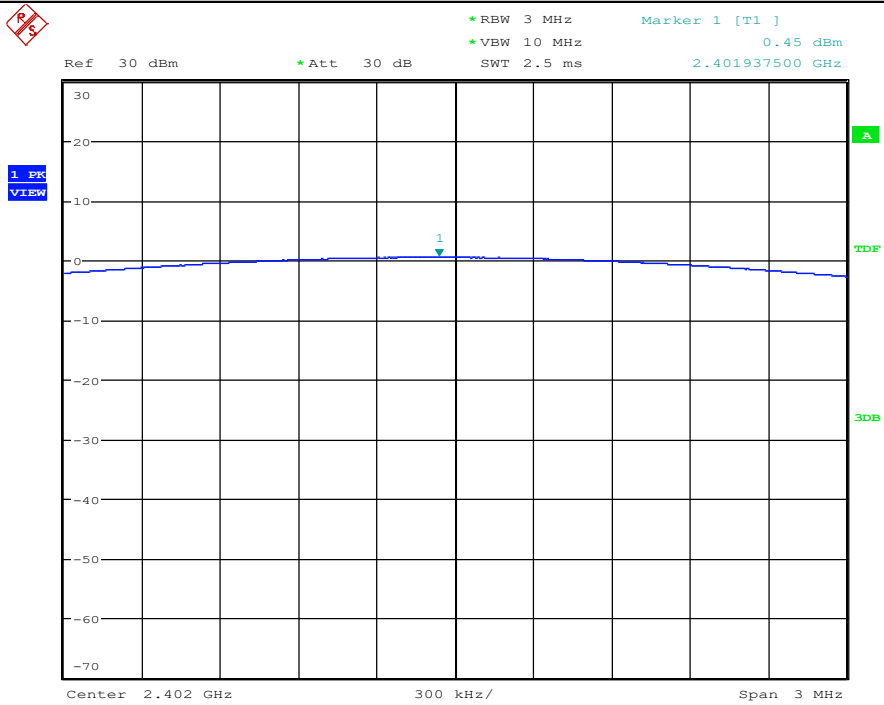
Date: 21.SEP.2020 16:42:31

2DH5_Ant1_2441



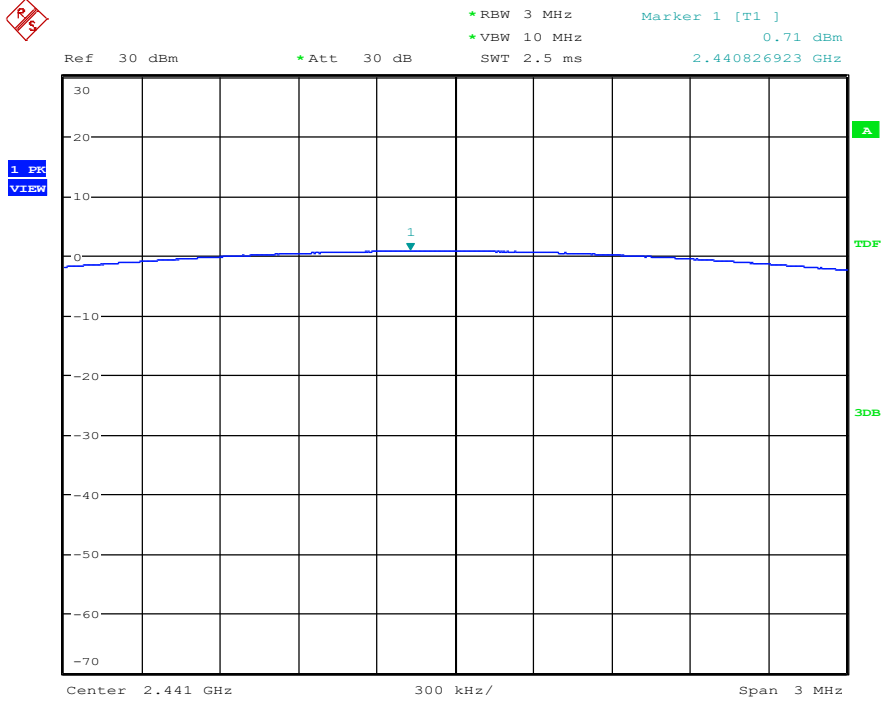
Date: 21.SEP.2020 16:41:43

2DH5_Ant1_2480



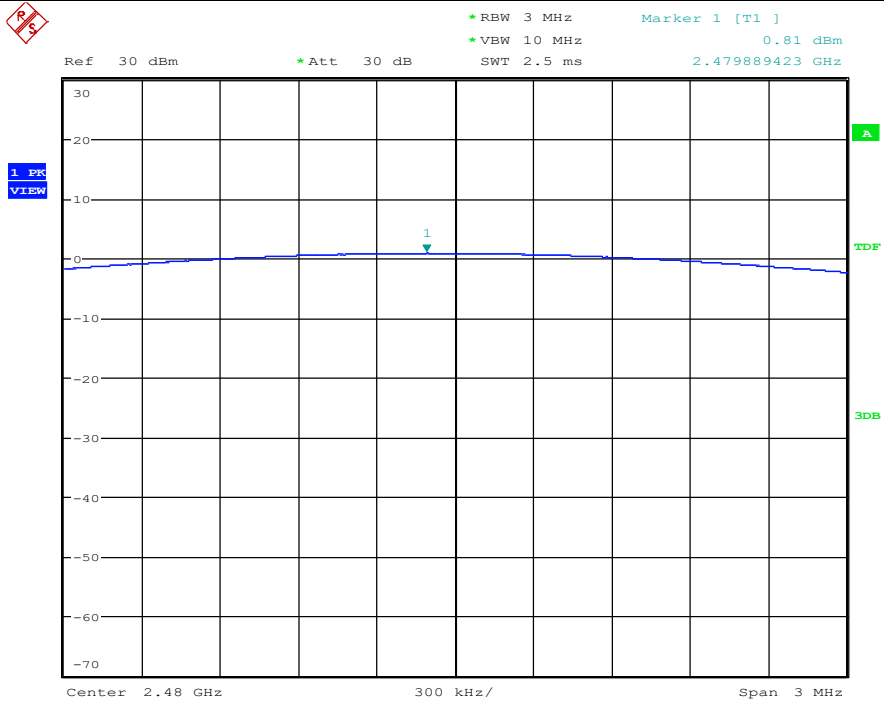
Date: 21.SEP.2020 16:46:06

3DH5_Ant1_2402



Date: 21.SEP.2020 16:47:06

3DH5_Ant1_2441



Date: 21.SEP.2020 16:49:10

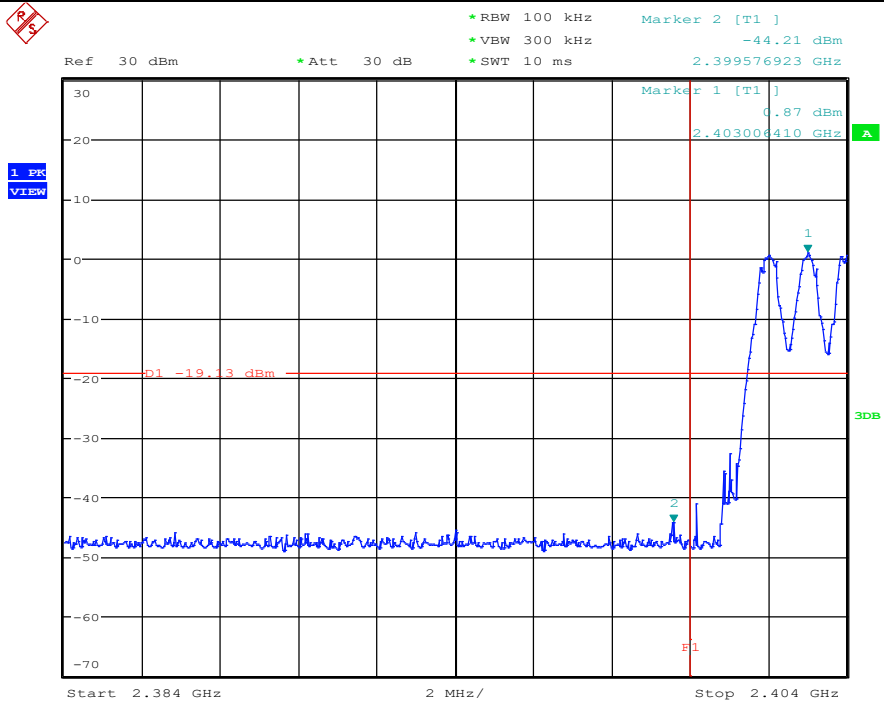
3DH5_Ant1_2480

A.6 Band-edge for RF Conducted Emissions

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3DH5- Hopping	Ant1	Low	2402	0.87	-44.21	<=-19.13	PASS
		High	2480	0.76	-45.62	<=-21.24	PASS

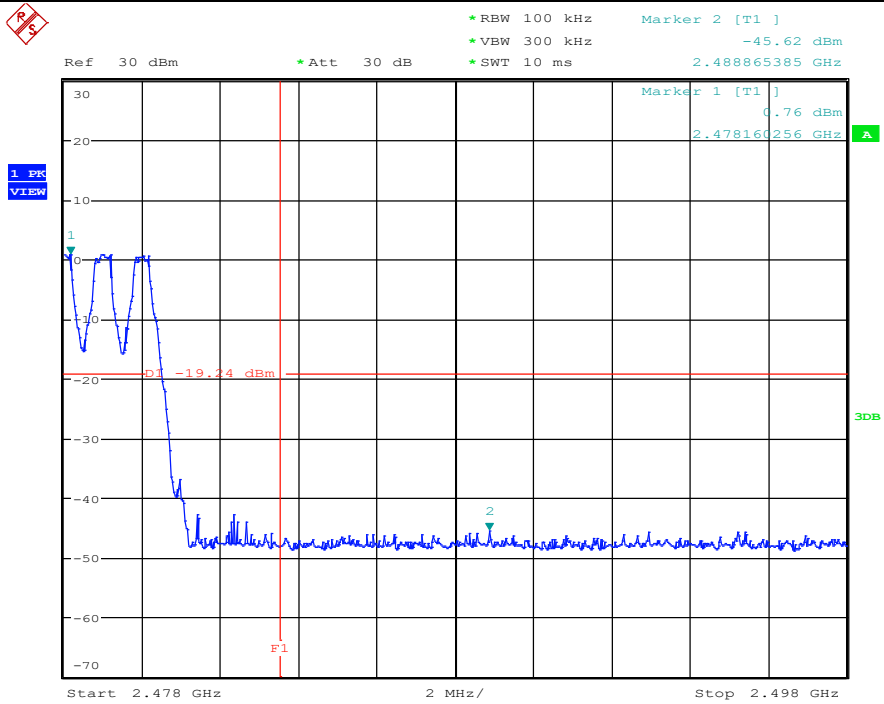
Note: list the worst case result in this item.

Test Graph



Date: 22.SEP.2020 14:19:31

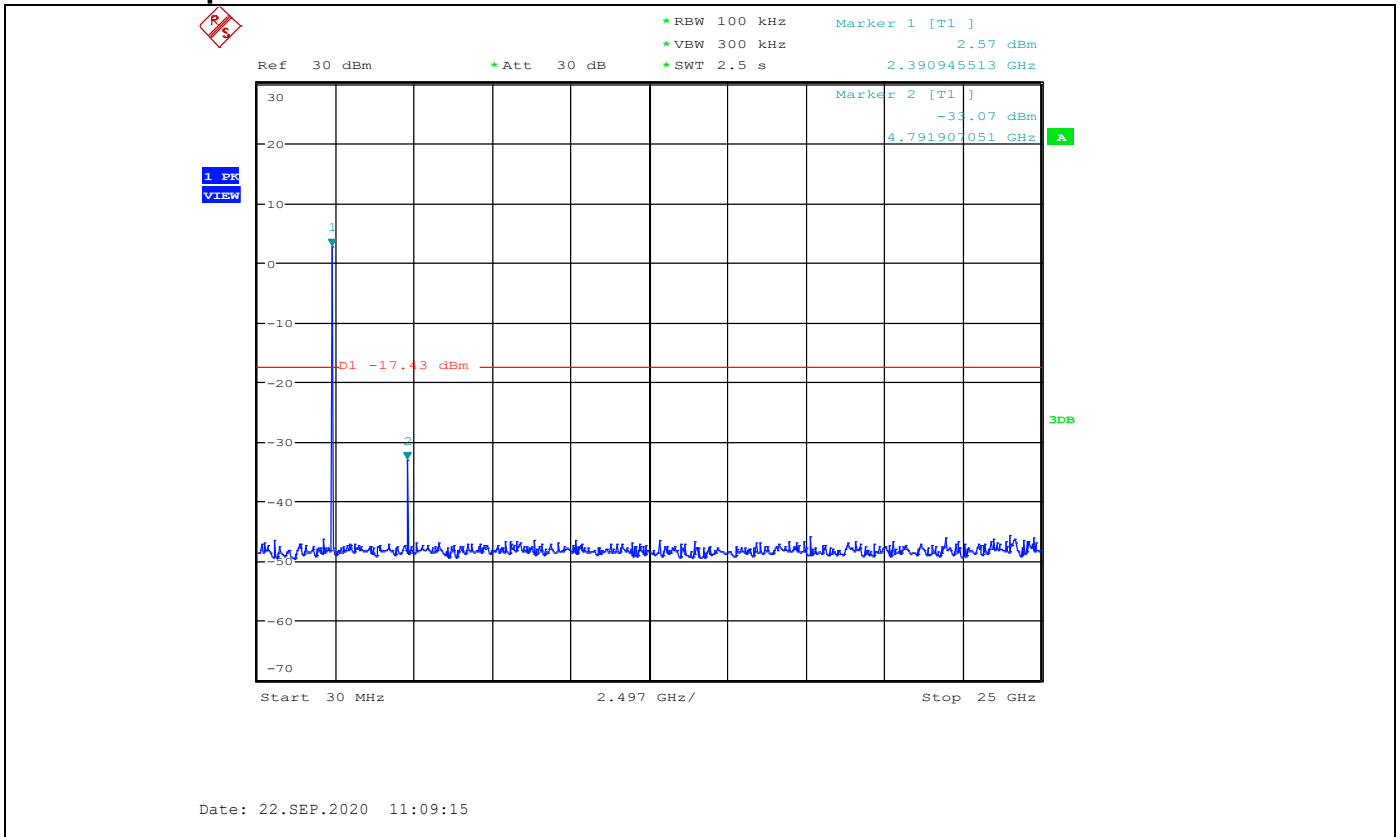
Ant1_Low_Hop_2402



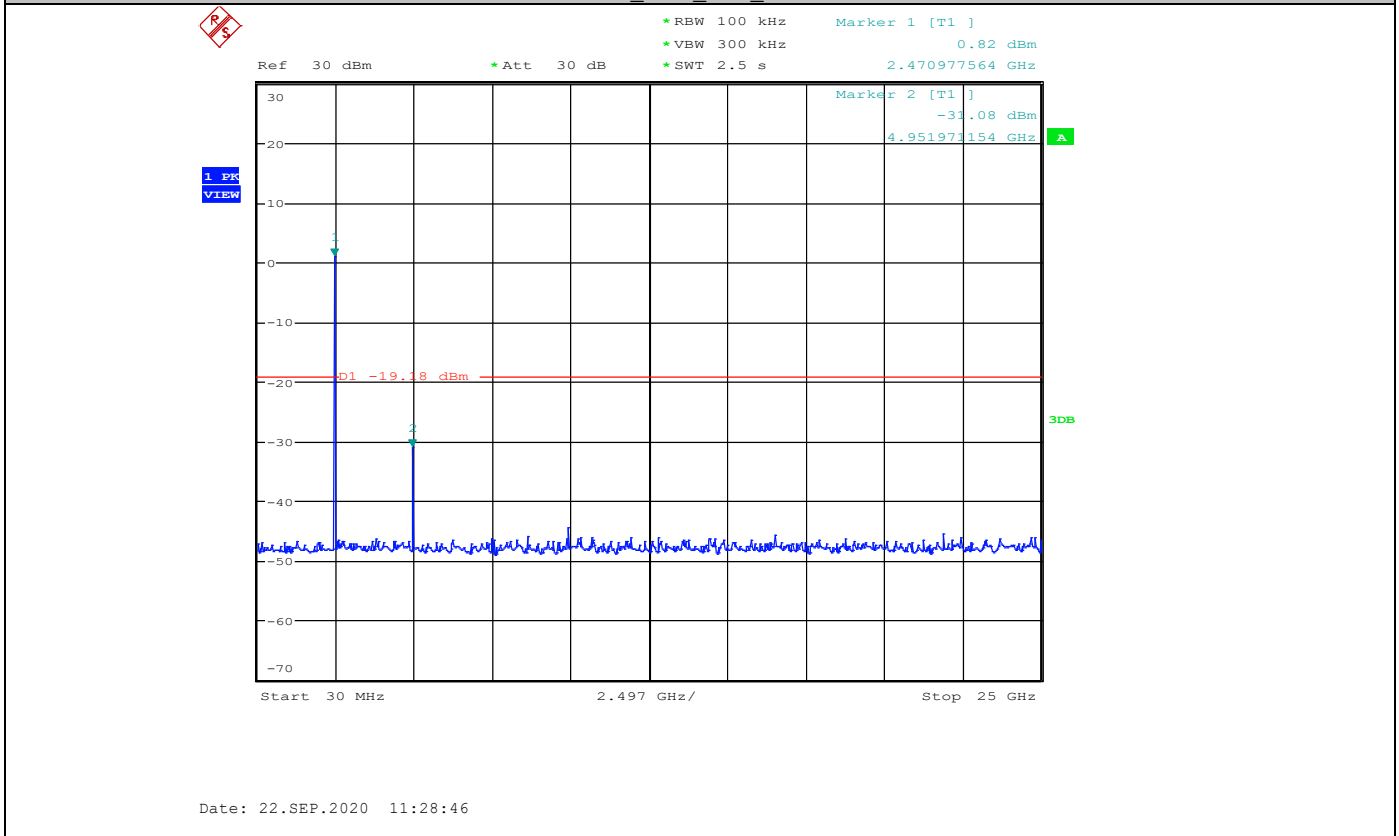
Date: 22.SEP.2020 14:16:38

Ant1_High_Hop_2480

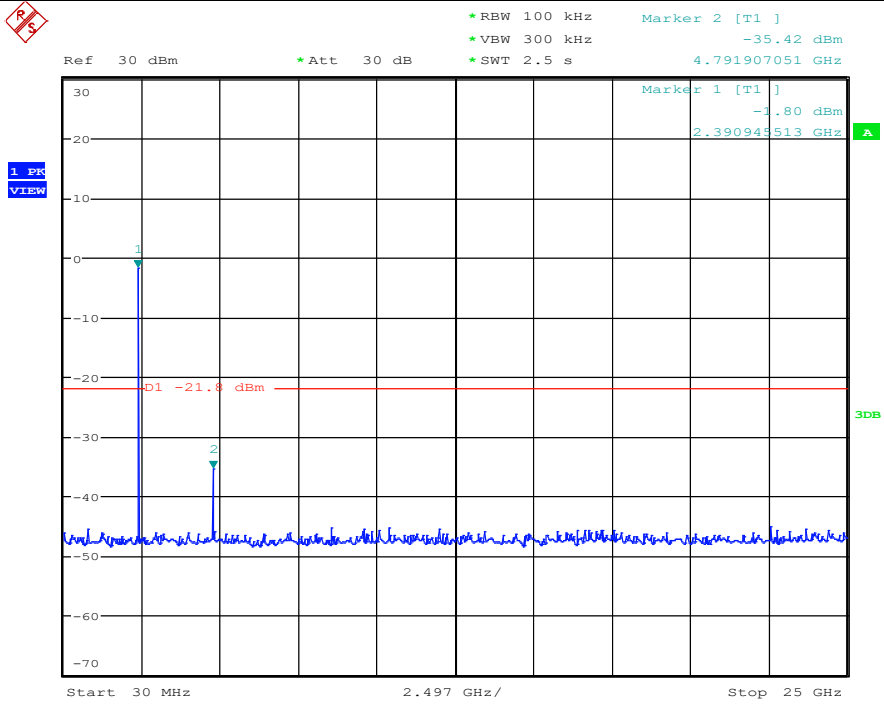
A.7 RF Conducted Spurious Emissions Test Graph



DH5_Ant1_Low_2402

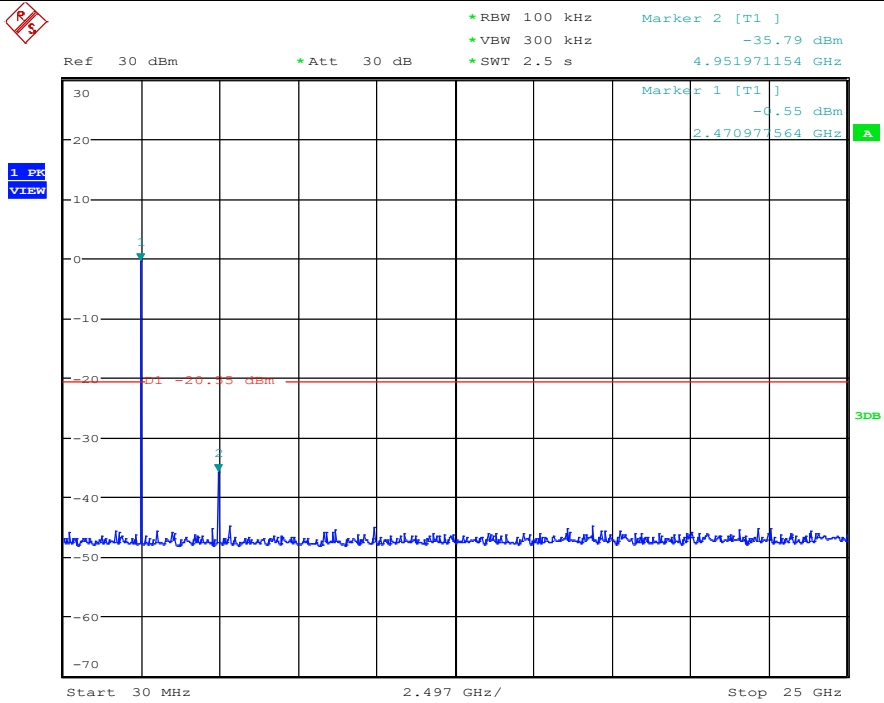


DH5_Ant1_High_2480



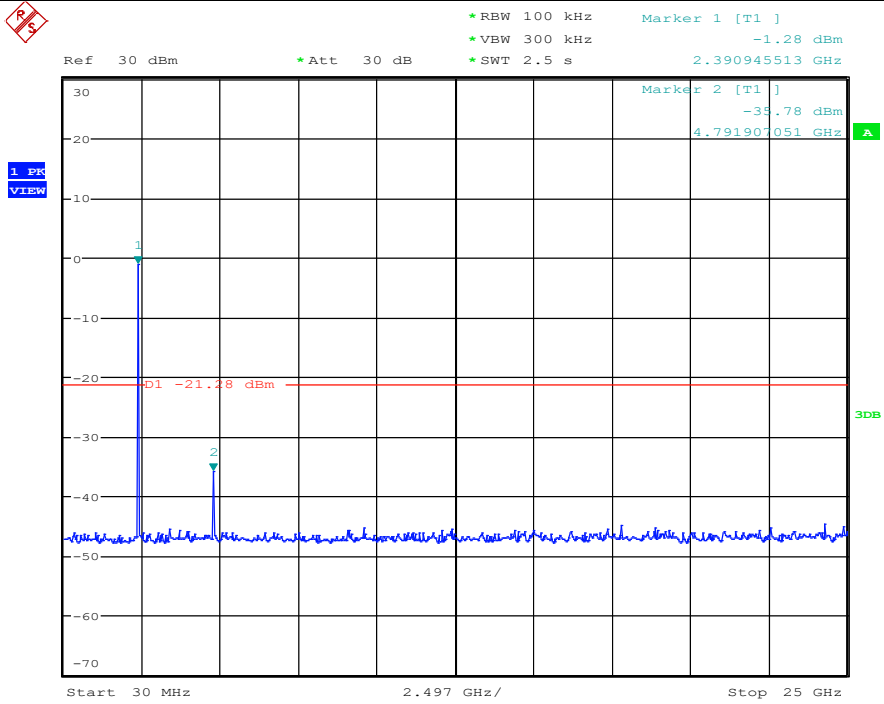
Date: 22.SEP.2020 13:49:27

2DH5_Ant1_Low_2402



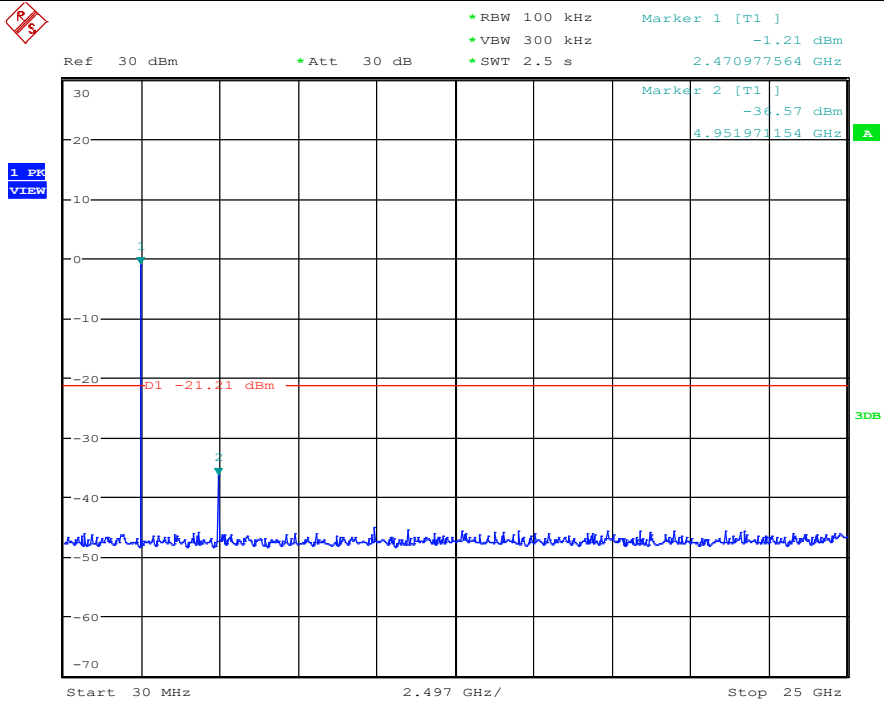
Date: 22.SEP.2020 13:55:39

2DH5_Ant1_High_2480



Date: 22.SEP.2020 14:07:55

3DH5_Ant1_Low_2402



Date: 22.SEP.2020 14:01:25

3DH5_Ant1_High_2480